

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

RECEIVED  
**JUN 06 2005**  
DIV. OF OIL, GAS & MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO: <b>U-10166</b>	6. SURFACE: <b>Indian</b>
1A. TYPE OF WORK: <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>Ute Indian Tribe</b>	
B. TYPE OF WELL: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input type="checkbox"/> <b>MULTIPLE ZONE</b> <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: <b>N/A</b>	
2. NAME OF OPERATOR: <b>Miller, Dyer &amp; Co., LLC</b>				9. WELL NAME and NUMBER: <b>Flat Rock 13-29-14-20</b>	
3. ADDRESS OF OPERATOR: <b>475 17th St Suite 1200    CITY   Denver    STATE   CO    ZIP   80202</b>			PHONE NUMBER: <b>(303) 292-0949</b>		
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>1135 FSL 507 FWL</b> <i>610910 X    39.566180</i> AT PROPOSED PRODUCING ZONE: <b>SAME</b> <i>4380196 Y    -109.703868</i>				10. FIELD AND POOL, OR WILDCAT: <b>Flat Rock</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>See Topo Map "A" (Attached)</b>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 29    14S    20E    S</b>	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>507</b>		16. NUMBER OF ACRES IN LEASE: <b>1280</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>500</b>		19. PROPOSED DEPTH: <b>12,350</b>		20. BOND DESCRIPTION: <b>RLB0008085</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>7480 GR</b>		22. APPROXIMATE DATE WORK WILL START: <b>9/1/2005</b>		23. ESTIMATED DURATION: <b>1 Month</b>	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
<b>12-1/4"</b>	<b>9-5/8"</b>	<b>K-55</b>	<b>36#</b>	<b>1,500</b>	<b>Class G &amp; Prem Lite</b>	<b>422 sacks</b>	<b>2.28 &amp; 1.17    12 &amp; 15.8</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>N-80</b>	<b>17#</b>	<b>12,350</b>	<b>Class G &amp; Prem Lite</b>	<b>1447 sacks</b>	<b>2.28 &amp; 1.17    12 &amp; 15.8</b>

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER  <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN  <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>Jeff Lang</u>	TITLE <u>Vice President of Operations</u>
SIGNATURE <u><i>[Signature]</i></u>	DATE <u>6/2/05</u>

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36778

APPROVAL:

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 07-11-05  
By: *[Signature]*

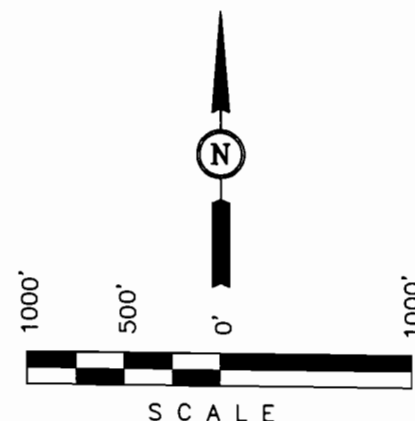
**T14S, R20E, S.L.B.&M.**

**MILLER, DYER & CO. LLC.**

Well location, FLAT ROCK #13-29-14-20,  
located as shown in the SW 1/4 SW 1/4 of  
Section 29, T14S, R20E, S.L.B.&M. Uintah  
County, Utah.

**BASIS OF ELEVATION**

BENCH MARK (59WF) LOCATED IN THE NW 1/4 OF SECTION  
10, T15S, R20E, S.L.B.&M. TAKEN FROM THE FLAT ROCK  
MESA QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE  
SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED  
STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL  
SURVEY. SAID ELEVATION IS MARKED AS BEING 7449 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Robert A. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

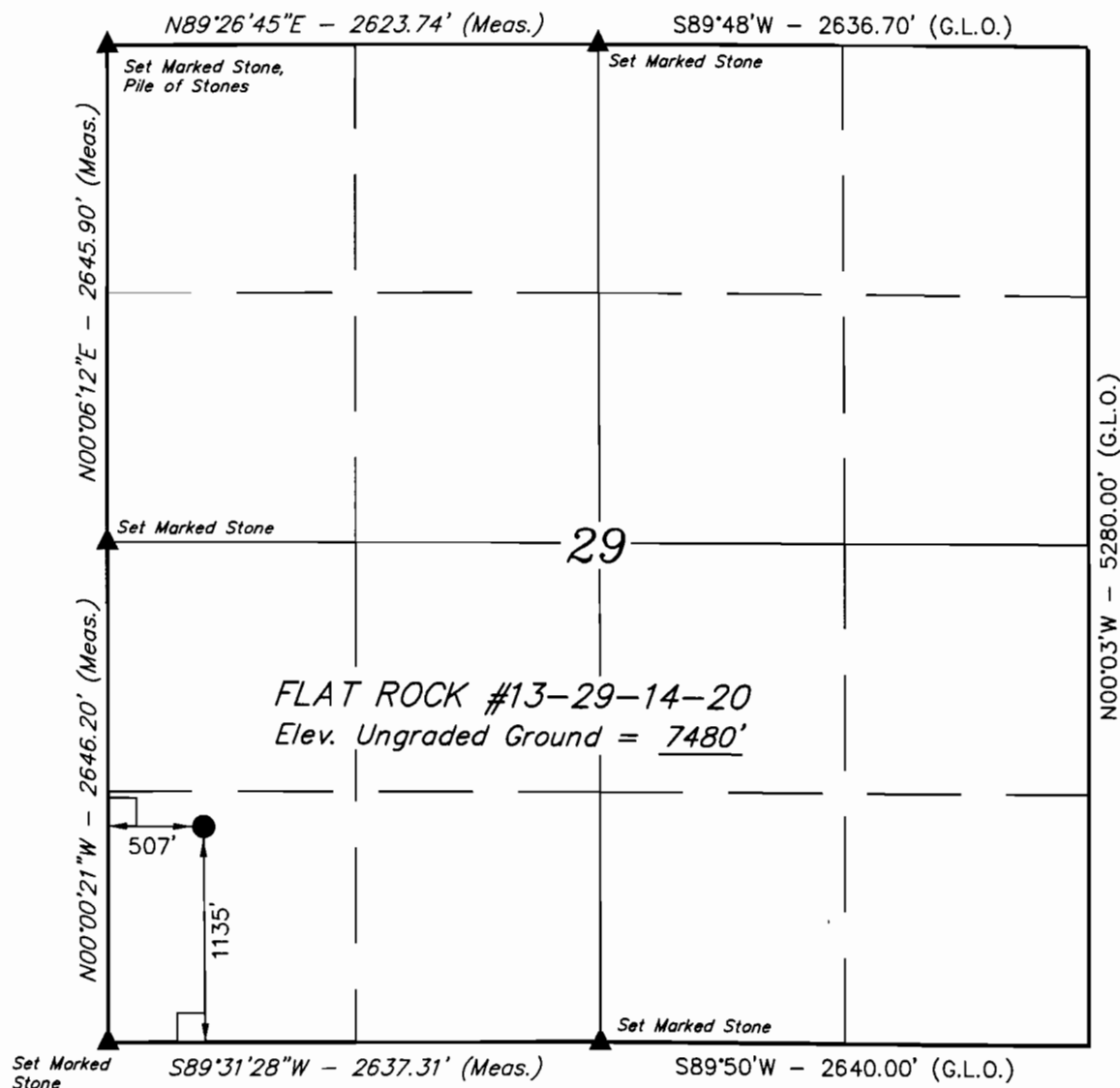
**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)  
LATITUDE = 39°33'58.20" (39.566167)  
LONGITUDE = 109°42'34.54" (109.709594)  
(AUTONOMOUS NAD 27)  
LATITUDE = 39°33'58.33" (39.566203)  
LONGITUDE = 109°42'32.05" (109.708903)

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



**UINTAH ENGINEERING & LAND SURVEYING**

**85 SOUTH 200 EAST - VERNAL, UTAH 84078**

**(801) 789-1017**

SCALE 1" = 1000'	DATE SURVEYED: 05-11-05	DATE DRAWN: 05-17-05
PARTY J.F. Z.G. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE MILLER, DYER & CO. LLC.	

**MILLER  
DYER & CO. LLC**

475 Seventeenth Street, Suite 1200  
Denver, Colorado 80202  
P: 303-292-0949  
F: 303-292-3901

RECEIVED  
JUL 11 2005

DIV. OF OIL, GAS & MINING

July 8, 2005

Via: FAX (801) 359 3940

Ms Diana Whitney  
Division of Oil, Gas and Mining  
**P O Box 145801**  
Salt Lake City, UT 84114-5801

RE: Exception Location to Drill  
**Flat Rock #13-29-14-20**  
Section 29, T14S R20E  
U-10166  
Uintah County, Utah

Dear Ms Whitney:

Miller, Dyer & Co. LLC, as Operator, is proposing to drill and has made application with the Division of Oil, Gas and Mining ("DOGM") for a permit to drill the following well:

**Flat Rock #13-29-14-20**

Location: 507' FWL, 1135' FSL, (SWSW) Section 29, T14S R20E, Uintah County, Utah

Lease: U-10166; Record Title Owner – Chicago Energy Associates, LLC

Designated Operator: Miller, Dyer & Co. LLC (Designation on file with DOGM & SITLA)

Pursuant to Rule R649-3-3, Miller, Dyer & Co. LLC is making application and seeking DOGM's administrative authority to grant an exception to the locating and siting requirements for this well.

The Flat Rock #13-29-14-20 well is approximately 275' outside of the 200' drilling tolerance from the center of the 40-acre drilling unit designated as the SWSW of Section 29. The present location of this well as surveyed and staked allows access the Entrada Formation as observed by our seismic survey while avoiding our existing surface facilities.

Chicago Energy Associates, LLC is the owner within a 460-foot radius of the proposed well location and is the owner of directly and diagonally offsetting drilling units of the proposed well location.

Miller-Dyer and Chicago Energy Associates, LLC respectfully requests an administrative approval by the division of an exception location for the well referenced above.

Yours truly,  
MILLER, DYER & CO. LLC



Jeff Lang  
Vice President of Operations

**DRILLING PLAN  
MILLER, DYER & CO. LLC**

**Flat Rock #13-29-14-20  
SWSW Section 29 T14S-R20E**

1.

<u>Estimated Formation Tops:</u>	<u>MD</u>	
Green River	Surface	
Wasatch	2,321'	Oil and/or gas anticipated > 3,000'
Mesaverde	4,510'	Gas
Castlegate Sandstone	6,413'	Gas
Mancos Shale	6,691'	Gas
Dakota Sandstone	10,552'	Gas
Cedar Mountain	10,630'	Gas
Morrison	10,824'	Gas
Curtis	11,365'	Gas
Entrada Sandstone	11,554'	Gas
Carmel	11,672'	Gas
Wingate	11,903'	Gas
Chinle	12,258'	Gas
TD	12,350'	

2. Miller, Dyer & CO. LLC's Minimum Specification for Pressure Control Equipment and Testing:
- a. 5,000 PSI WP Double Gate Blowout Preventer with Annular Preventer (schematic diagram attached)
  - b. BOPE will be pressure tested upon installation, whenever a seal subject to test pressure is broken or repairs are made; and at least once a every 30 days. Chart recorders shall be used for all pressure tests. Ram-type preventers and related pressure control equipment will be pressure tested to the rated working pressure of the stack assembly if a test plug is used. If a test plug is not used, the stack assembly will be tested to the rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing, whichever is less. Annular-type preventers will be pressure tested to 50% of rated working pressure.
  - c. All casing strings will be pressure tested to 0.22 psi/ft or 1,500 psi, whichever is greater, prior to drilling plug after cementing. Test pressure not to exceed 70% of the internal yield pressure for the casing.
  - d. Miller Dyer will comply with all requirements for well control specified in BLM Onshore Order #2.

3. Auxiliary Equipment:
  - a. Kelly cock – Yes
  - b. Float sub at bit – No
  - c. Mud logger & instrumentation – Yes
  - d. Full-opening safety valve on rig floor – Yes
  - e. Rotating head – No

4. Casing Program:

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.
Conductor	40'	20"	16"	Contactor	0.250" wall
Surface	1500	12-1/4"	9-5/8"	K-55	36.00# (new)
Production	0'-12,350' MD	7-7/8"	5-1/2"	N-80	17# (new)

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

5. Cement Program:

**Conductor: 0'-40'**

Ready Mix to surface

**Surface Casing: 0'-1,500'**

Hole Size: 12-1/4"  
 Casing Size: 9-5/8", 36#  
 Setting Depth (ft): 1500  
 Float Collar Depth (ft): 1460  
 Casing Volume (ft<sup>3</sup>/ft): 0.4340  
 Casing Volume (bbl/ft): 0.0773  
 Annular Volume (ft<sup>3</sup>/ft): 0.3132

**Lead Slurry:**

Top Depth: 0  
 Bottom Depth: 1000  
 Cement Weight (ppg): 12.0  
 Cement Yield (ft<sup>3</sup>/sk): 2.28  
 Excess (%): 50  
 Total Sacks: 206.1

**Type of Cement**

Premium Lite Cement + 2% bwoc  
 Calcium Shloride + 0.25% bwoc Cello Flake + 1  
 gals/100 sack FP-6L + 8% bwoc Bentonite +  
 0.2% bwoc Sodium Metasilicate + 124.5% Fresh  
 Water

**Tail Slurry (Annular):**

Top Depth: 1000  
 Bottom Depth: 1500  
 Cement Weight (ppg): 15.8  
 Cement Yield (ft<sup>3</sup>/sk): 1.17  
 Excess (%): 50  
 Total Sacks: 200.8

**Type of Cement**

Class G Cement + 2% bwoc Calcium  
 Chloride + 0.25 lbs/sack Cello Flake + 44.3%  
 Fresh Water

**Tail Slurry (Float Shoe):**

Top Depth: 1460  
 Bottom Depth: 1500  
 Cement Weight (ppg): 15.8  
 Cement Yield (ft<sup>3</sup>/sk): 1.17  
 Excess (%): 0  
 Total Sacks: 14.8

**Type of Cement**

Class G Cement + 2% bwoc Calcium  
 Chloride + 0.25 lbs/sack Cello Flake + 44.3%  
 Fresh Water

Displacement (bbls): 112.9

### **Production Casing: 0'-12,350' (MD) Stage 1**

Hole Size:	7-7/8"
Casing Size:	5-1/2", 17#
Setting Depth (ft):	12350
Float Collar Depth (ft):	12310
Casing Volume (ft <sup>3</sup> /ft):	0.1305
Casing Volume (bbl/ft):	0.0232
Annular Volume (ft <sup>3</sup> /ft):	0.1733

#### **Stage 1:**

##### **Lead Slurry (Annular):**

Top Depth:	7000
Bottom Depth:	10000
Cement Weight (ppg):	12.0
Cement Yield (ft <sup>3</sup> /sk):	2.28
Excess (%):	15
Total Sacks:	262.2

##### **Type of Cement**

Premium Lite Cement + 2% bwoc  
Calcium Shloride + 0.25% bwoc Cello Flake + 1  
gals/100 sack FP-6L + 8% bwoc Bentonite +  
0.2% bwoc Sodium Metasilicate + 124.5% Fresh  
Water

##### **Tail Slurry (Annular):**

Top Depth:	10000
Bottom Depth:	12350
Cement Weight (ppg):	15.8
Cement Yield (ft <sup>3</sup> /sk):	1.17
Excess (%):	15
Total Sacks:	400.3

##### **Type of Cement**

Class G Cement + 2% bwoc Calcium  
Chloride + 0.25 lbs/sack Cello Flake + 44.3%  
Fresh Water

##### **Tail Slurry (Float Shoe):**

Top Depth:	12310
Bottom Depth:	12350
Cement Weight (ppg):	15.8
Cement Yield (ft <sup>3</sup> /sk):	1.17
Excess (%):	0
Total Sacks:	4.5

##### **Type of Cement**

Class G Cement + 2% bwoc Calcium  
Chloride + 0.25 lbs/sack Cello Flake + 44.3%  
Fresh Water

Displacement (bbls):	285.6
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## **Production Casing: 0'-12,350' (MD) Stage 2**

Hole Size:	7-7/8"
Casing Size:	5-1/2", 17 #
Setting Depth (ft):	12350
DV Tool Depth (ft):	7000
Casing Volume (ft3/ft):	0.1305
Casing Volume (bbl/ft):	0.0232
Annular Volume (ft3/ft):	0.1733
Annular Volume (ft3/ft):	0.2691 (inside surface casing)

### **Stage 2:**

#### **Lead Slurry (Inside Surface Casing):**

Top Depth:	0
Bottom Depth:	1500
Cement Weight (ppg):	12.0
Cement Yield (ft3/sk):	2.28
Excess (%):	0
Total Sacks:	177.0

#### **Type of Cement**

Premium Lite Cement + 2% bwoc  
Calcium Shloride + 0.25% bwoc Cello Flake + 1  
gals/100 sack FP-6L + 8% bwoc Bentonite +  
0.2% bwoc Sodium Metasilicate + 124.5% Fresh  
Water

#### **Lead Slurry (Annular):**

Top Depth:	1500
Bottom Depth:	4000
Cement Weight (ppg):	12.0
Cement Yield (ft3/sk):	2.28
Excess (%):	15
Total Sacks:	218.5

#### **Type of Cement**

Class G Cement + 2% bwoc Calcium  
Chloride + 0.25 lbs/sack Cello Flake + 44.3%  
Fresh Water

#### **Tail Slurry:**

Top Depth:	4000
Bottom Depth:	7000
Cement Weight (ppg):	15.8
Cement Yield (ft3/sk):	1.17
Excess (%):	15
Total Sacks:	384.8

#### **Type of Cement**

Class G Cement + 2% bwoc Calcium  
Chloride + 0.25 lbs/sack Cello Flake + 44.3%  
Fresh Water

Displacement (bbls): 162.4

Actual cement volumes will be based on caliper log calculations and drilling experience.

6. Testing, Logging, Coring:
  - a. Drill stem tests – non anticipated
  - b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, BHC sonic/GR all from TD to surface
  - c. Coring – possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.
7. Drilling Fluids:
  - a. Surface hole will be drilled with air and produced water saved in pit for mud drilling.

- b. Well will be drilled with a low solids non-dispersed mud. In the event of severe lost circulation, the mud may be aerated.

8. **Abnormal Pressures and Hazards:**

- a. No abnormal pressures or hydrogen sulfide are anticipated based on drilling to similar depths in the Flat Rock Field, approximately 3.5 miles to the northwest. The Del-Rio/Orion 29-7A produced a 36-hour shut-in pressure of 3,100 psi and a calculated formation pore pressure of approximately 4,000 psi at 11,700'.



**SURFACE USE PLAN  
MILLER, DYER & CO. LLC**

**Flat Rock #13-29-14-20  
SWSW Section 29 T14S-R20E**

1. Existing Roads:
  - a. Topographic Map “A” shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road.
  - b. Topographic Map “B” shows the point approximately 53 miles south of Ouray where the access road to the well departs from the Agency Draw Road 1 mile south of the Flat Rock Mesa Road. Beyond this point the access road consists of 4 miles of existing lease road leading to the Flat Rock #13-29-14-20 location, and 40’ of new road branching off this road just before it reaches the 13-29-14-20 location.
2. Planned Access Road: (refer to Topographic Map “D”)
  - a. Length of new road will be approximately 40’.
  - b. The right-of-way width is 30’ (15’ on either side of the centerline) with a 20-foot wide running surface.
  - c. Maximum grade will be less than 2%
  - d. No turn-outs are planned.
  - e. The new road will be crowned, ditched and dipped to provide adequate drainage.
  - f. Culverts will be used if necessary.
  - g. No gates or cattle guards will be needed. Nor will any existing facilities be modified.
  - h. The proposed road was flagged when the location was staked.
  - i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.
3. Location of Existing Wells:
  - a. The nearest producing well is the Oil Canyon 29-1A, located approximately 500’ southeast of the proposed well location in Section 29-T14S-R20E.
4. Location of Existing and/or Proposed Facilities:
  - a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached “Location Layout”). Topographic Map “D” shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.

- b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.
5. Location and Type of Water Supply:
- a. Some produced water from existing wells will be used for drilling. Fresh water will be taken at a point of diversion at Santio Crossing from Willow Creek in the SESE Section 29-T12S-R21E, SLB&M, if available during the drought. This water will be taken under the terms of the Ute Oilfield Water Service's state filing.
  - b. Water will be transported by truck on the Agency Draw and Flat rock Mesa roads.
  - c. A water supply well, to be located in the SESE Section 3-T15S-R20E has recently been approved by the Ute Indian Tribe due to the unreliability of surface water sources during the drought. It is not clear, at present, whether water will be available from this source in time for this well. If it is, it will be used.
6. Source of Construction Materials:
- a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
  - b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
  - c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.
7. Methods for Handling Waste Disposal:
- a. Drill cuttings will be buried in the reserve pit.
  - b. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.
  - c. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill.
  - d. Salt and chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
  - e. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.
  - f. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.

8. Ancillary Facilities:
  - a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.
9. Well Site Layout:
  - a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
  - b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
  - c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.
10. Plans for Restoration of the Surface:
  - a. Producing well location
    - i. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
    - ii. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
    - iii. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
    - iv. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
    - v. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.
  - b. Dry Hole/Abandoned Location
    - i. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.
11. Surface Ownership:
  - a. Access roads and location are held in trust for the Ute Indian Tribe by the United States. The operator has obtained a right-of-way with the BIA and submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:

- a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
  - i. Whether the materials appear to be eligible for the National Register of Historic Places;
  - ii. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
  - iii. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
- b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
- c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

13. Lessee's or Operator's Representative and Certification:

- a. Jeff Lang, Vice President of Operations  
Miller, Dyer & Co. LLC  
475 17<sup>th</sup> Street, Suite 1200  
Denver, CO 80202  
Office: 303 292 0949 Ext 102  
FAX: 303 292 3901  
Cell: 303 503 3730  
Email: [jeff@millerdyer.com](mailto:jeff@millerdyer.com)

I hereby certify that I have inspected the proposed drill site and access road; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Miller, Dyer & Co. LLC, and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Flat Rock #13-29-14-20 well; SWSW of Section 29, T14S-R20E and all producing zones; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit.

6/2/05  
Date

Jeff Lang  
Vice President of Operations

The onsite inspection for this well was conducted on \_\_\_\_\_, 2005

Participants in the onsite inspection were:

Robert Kay, Uintah Engineering & Land Surveying

John E. Dyer, Miller, Dyer & Co. LLC

\_\_\_\_\_ Ute Indian Tribe

\_\_\_\_\_ Ute Indian Tribe

\_\_\_\_\_ (contractor....)

\_\_\_\_\_ BIA rep

\_\_\_\_\_ State of Utah rep

MILLER, DYER & CO. LLC  
FLAT ROCK #13-29-14-20  
SURFACE USE AREA, ROAD & PIPELINE RIGHT-OF-WAY  
SECTION 29, T14S, R20E, S.L.B.&M.

TOTAL ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS

ROAD RIGHT-OF-WAY CONTAINED WITHIN DAMAGE AREA.


TOTAL PIPELINE RIGHT-OF-WAY ON UTE TRIBAL LANDS

PIPELINE RIGHT-OF-WAY CONTAINED WITHIN DAMAGE AREA.

ENGINEER'S AFFIDAVIT

STATE OF UTAH )  
COUNTY OF UTAH ) SS

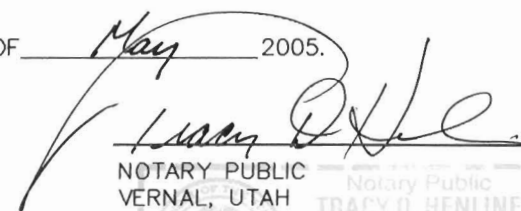
ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR MILLER, DYER & CO. LLC, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE SURFACE USE AREA, ROAD & PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.

  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 164319  
STATE OF UTAH

ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS 31 DAY OF May 2005.

MY COMMISSION EXPIRES Aug 17, 2006.

  
NOTARY PUBLIC  
VERNAL, UTAH

Notary Public  
TRACY D. HENLINE  
37th East 3000 South  
Vernal, Utah 84078  
My Commission Expires  
Aug 17, 2006  
State of Utah

APPLICANT'S CERTIFICATE

I, \_\_\_\_\_, DO HEREBY CERTIFY THAT I AM THE AGENT FOR MILLER, DYER & CO. LLC, HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS SURFACE USE AREA, ROAD & PIPELINE RIGHT-OF-WAY, BEGINNING AND ENDING AS SHOWN, THAT SAID SURFACE USE AREA ROAD & PIPELINE RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

\_\_\_\_\_  
APPLICANT

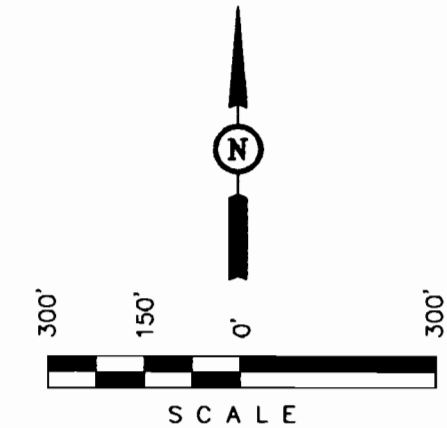
\_\_\_\_\_  
TITLE

MILLER, DYER & CO. LLC

LOCATION SURFACE USE AREA,  
ROAD & PIPELINE RIGHT-OF-WAY  
ON UTE TRIBAL LANDS

(For FLAT ROCK #13-29-14-20)

LOCATED IN  
SECTION 29, T14S, R20E, S.L.B.&M.  
UINTAH COUNTY, UTAH



ROAD RIGHT-OF-WAY DESCRIPTION  
ROAD RIGHT-OF-WAY CONTAINED WITHIN THE DAMAGE AREA.

PIPELINE RIGHT-OF-WAY DESCRIPTION  
PIPELINE RIGHT-OF-WAY CONTAINED WITHIN THE DAMAGE AREA.

**SURFACE USE AREA**  
**FLAT ROCK #13-29-14-20**  
Contains 2.748 Acres

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 29, T14S, R20E, S.L.B.&M. WHICH BEARS N20°16'42"E 1012.59' FROM THE SOUTHWEST CORNER OF SAID SECTION 29, THENCE N04°02'19"E 410.00'; THENCE S85°57'41"E 292.00'; THENCE S04°02'19"W 410.00'; THENCE N85°57'41"W 292.00' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.748 ACRES MORE OR LESS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert J. Miller*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH - 200 EAST • (435) 789-1017  
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 05-17-05
PARTY J.F. Z.G. C.G.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 4 3 9 4 8

Sec. 29

SW 1/4

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

▲ = SECTION CORNERS LOCATED.

Set Marked Stone  
1/4 Section Line

Section Line  
N00°00'21"W - 2646.20' (Meas.)

1/16 Section Line

S85°57'41"E 292.00'  
N04°02'19"E 410.00'  
N85°57'41"W 292.00'  
S04°02'19"W 410.00'

Ute  
Tribal

Ute  
Tribal

Existing Road  
Existing Pipeline

Section Line

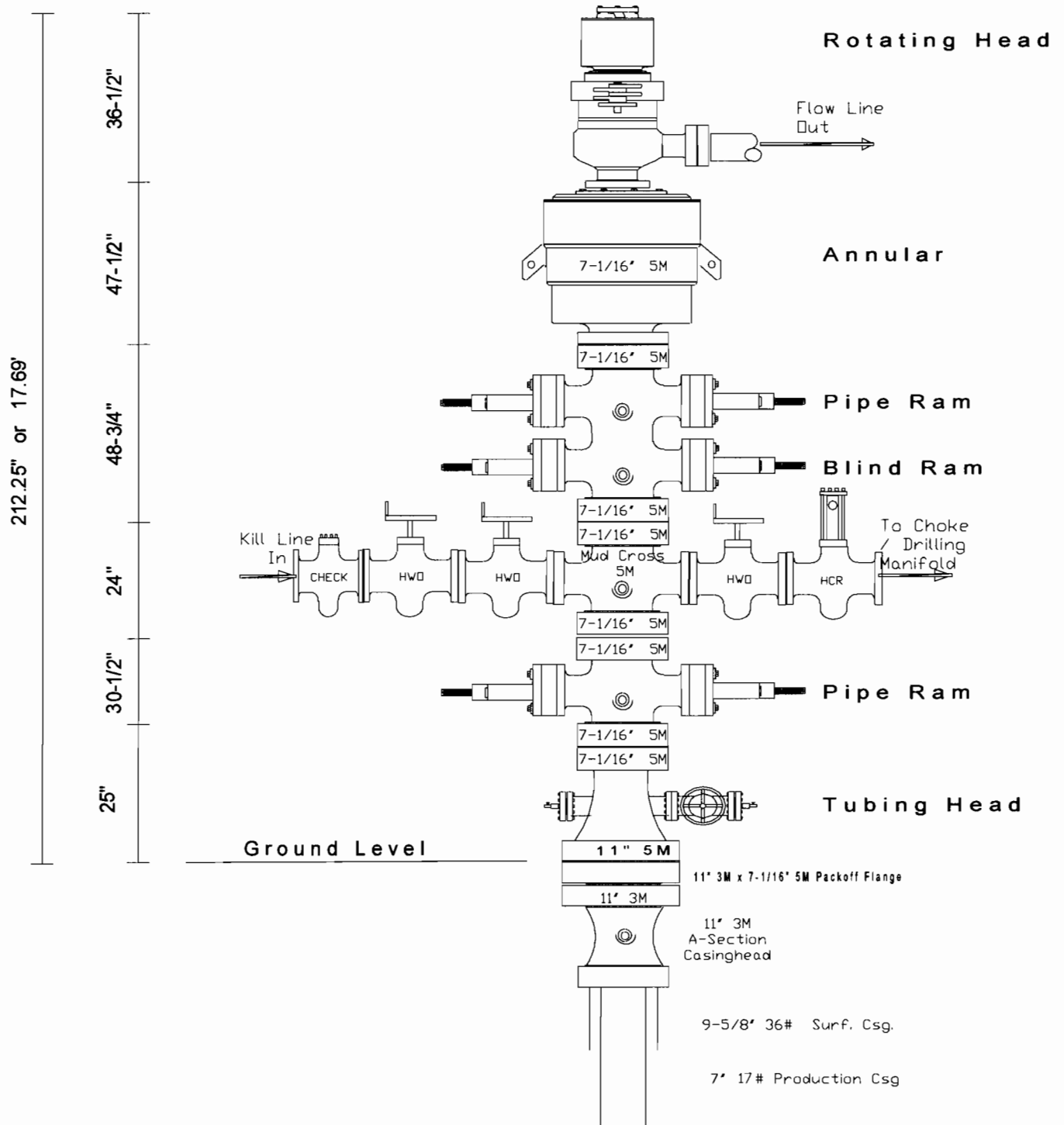
S89°31'28"W - 2637.31' (Meas.)

Set Marked Stone

1/4 Section Line

S89°50'W - 2640.00' (G.L.O.)

# FLAT ROCK #13-29-14-20 Typical BOP Stack Configuration







State Online Services

Agency List

Business Utah.gov

Search Utah.gov

GO

# UTAH DIVISION OF WATER RIGHTS

Select Related Information ☐

(WARNING: Water Rights makes NO claims as to the accuracy of this data.)

WRNUM: 49-1667 APPLICATION/CLAIM NO.: T74534 CERT. NO.:

OWNERSHIP\*\*\*\*\*

NAME: Ute Oilfield Water Service

ADDR: c/o Michael Wood

P.O. Box 598

Roosevelt UT 84066

LAND OWNED BY APPLICANT? No

DATES, ETC.\*\*\*\*\*

FILED: 10/10/2002	PRIORITY: 10/10/2002	PUB BEGAN:	PUB ENDED:	NEWSPAPER:
ProtestEnd:	PROTESTED: [No ]	HEARNG HLD:	SE ACTION: [Approved]	ActionDate:11/20/20
EXTENSION:	ELEC/PROOF: [ ]	ELEC/PROOF:	CERT/WUC:	LAP, ETC: 11/20/20
RENOVATE:	RECON REQ:	TYPE: [ ]		

PD Book No. Map:

Type of Right: Application to Appropriate Source of Info: Application to Appropriate Status: **Expired**

LOCATION OF WATER RIGHT\*\*\* (Points of Diversion: Click on Location to access PLAT Program.)\*\*\*\*\*

FLOW: 5.0 acre-feet SOURCE: Willow Creek

COUNTY: Uintah COMMON DESCRIPTION: 45 miles SW of Vernal

POINT OF DIVERSION -- SURFACE:

(1) N 150 ft W 700 ft from SE cor, Sec 29, T 12S, R 21E, SLBM

Diverting Works: Water truck pump from creek

Source: Willow Creek

Stream Alt Required?: No

-----  
PLACE OF USE OF WATER RIGHT\*\*\*\*\*

	NORTH-WEST¼ NW NE SW SE	NORTH-EAST¼ NW NE SW SE	SOUTH-WEST¼ NW NE SW SE	SOUTH-EAST¼ NW NE SW SE
ALL T 14S R 20E SLBM	*			

-----  
USES OF WATER RIGHT\*\*\*\*\*

-----  
WATER RIGHT CLAIMS IN COMMON: 1667

.....  
###OIL EXPLORATION Drilling and completion of oil/gas wells on Flat Rock Mesa PER.

-----  
OTHER COMMENTS\*\*\*\*\*

-----  
Point of diversion is on BLM land. Permission is being obtained.

\*\*\*\*\*  
\*\*\*\*\*END OF DATA\*\*\*\*\*  
\*\*\*\*\*

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

**MILLER, DYER & CO. LLC**  
**FLAT ROCK #13-29-14-20**  
LOCATED IN UTAH COUNTY, UTAH  
SECTION 29, T14S, R20E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**05 13 05**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: J.F.

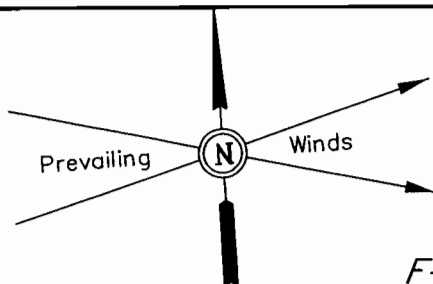
DRAWN BY: C.P.

REVISED: 00-00-00

# MILLER, DYER & CO. LLC.

## LOCATION LAYOUT FOR

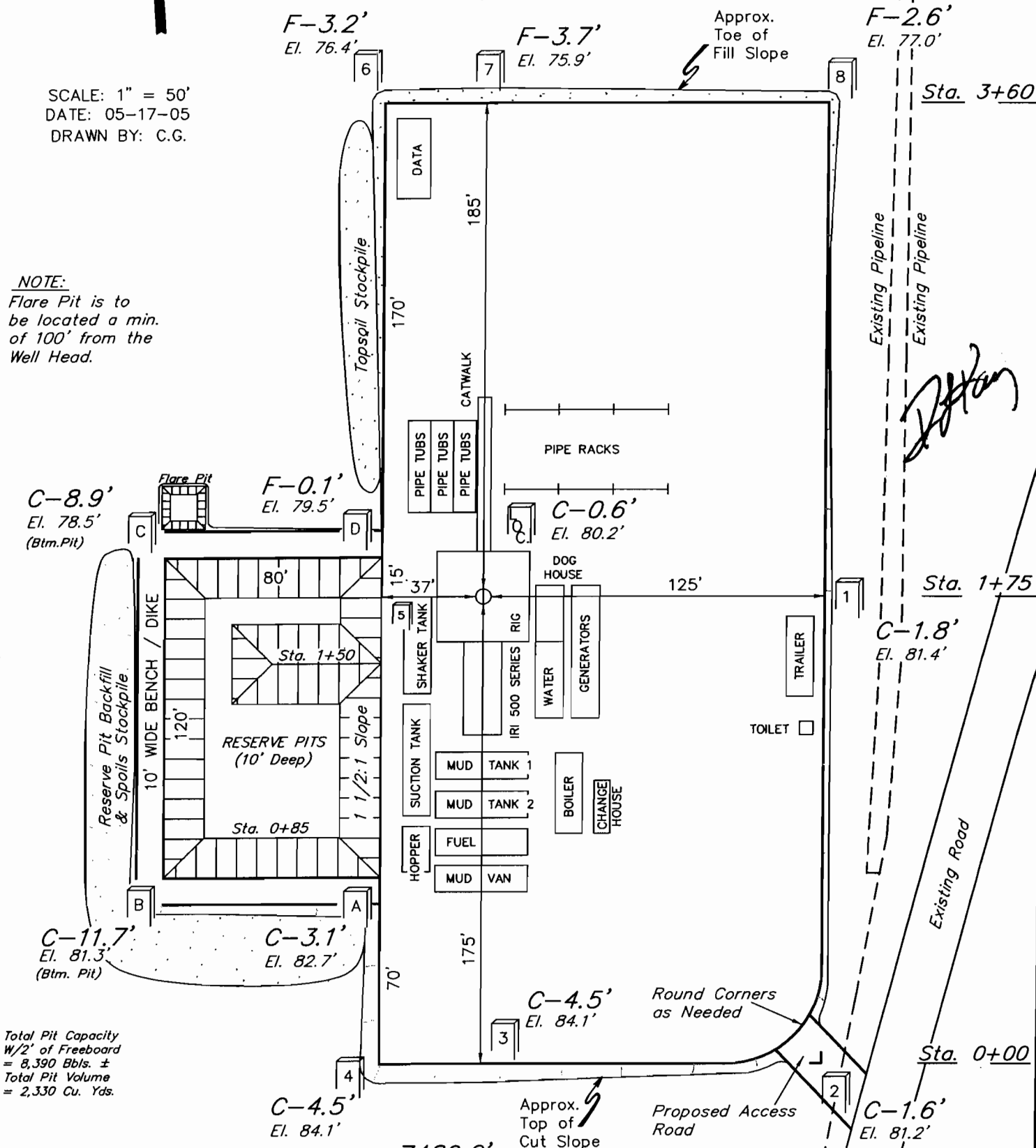
FLAT ROCK #13-29-14-20  
SECTION 29, T14S, R20E, S.L.B.&M.  
1135' FSL 507' FWL



SCALE: 1" = 50'  
DATE: 05-17-05  
DRAWN BY: C.G.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Total Pit Capacity  
W/2' of Freeboard  
= 8,390 Bbls. ±  
Total Pit Volume  
= 2,330 Cu. Yds.

Elev. Ungraded Ground at Location Stake = 7480.2'  
Elev. Graded Ground at Location Stake = 7479.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

# MILLER, DYER & CO. LLC.

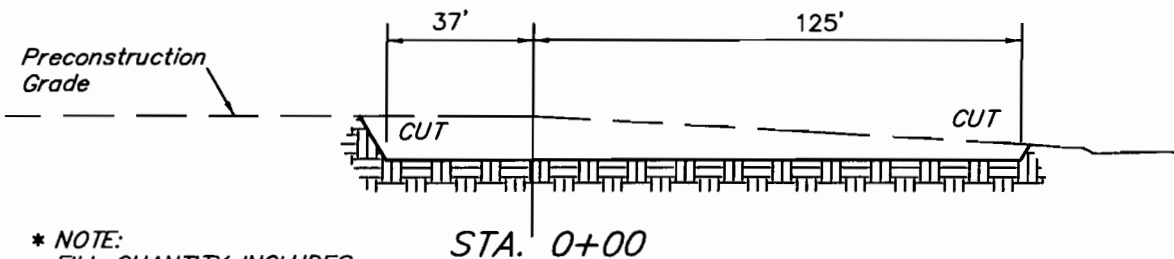
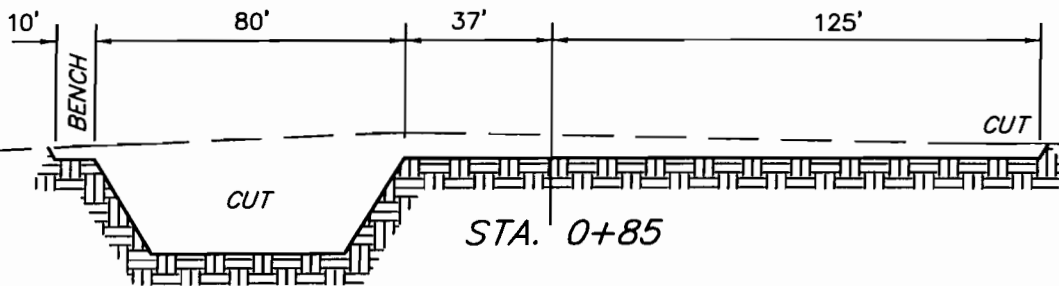
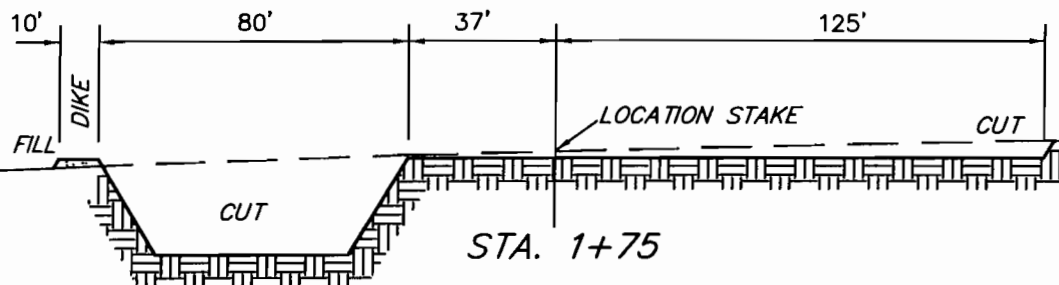
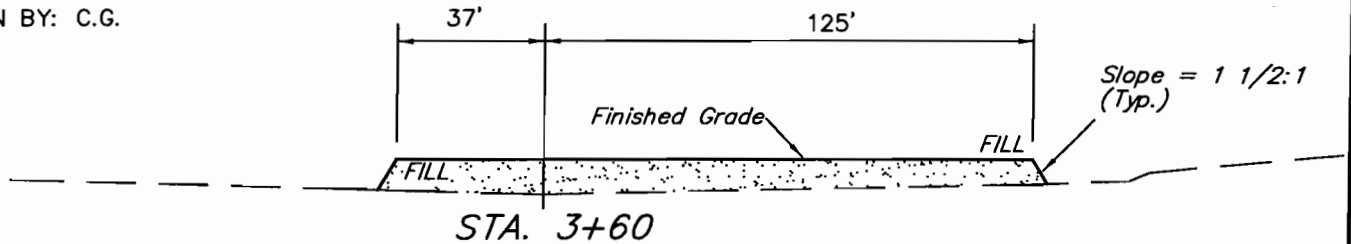
## TYPICAL CROSS SECTIONS FOR

FLAT ROCK #13-29-14-20  
SECTION 29, T14S, R20E, S.L.B.&M.  
1135' FSL 507' FWL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 05-17-05  
DRAWN BY: C.G.

*[Handwritten Signature]*



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT  
(12") Topsoil Stripping = 2,850 Cu. Yds.  
Remaining Location = 3,620 Cu. Yds.  
TOTAL CUT = 6,470 CU.YDS.  
FILL = 2,450 CU.YDS.

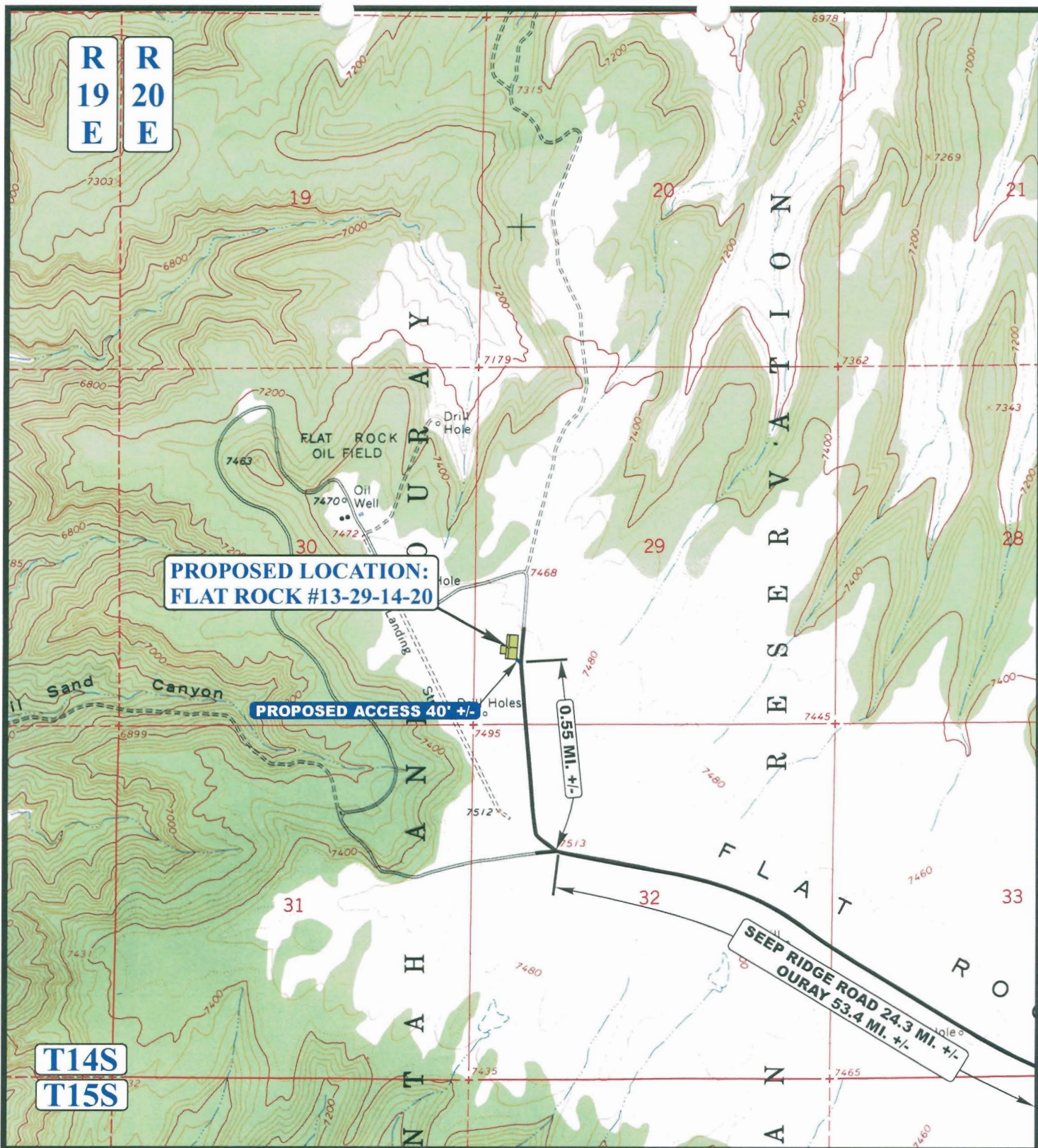
EXCESS MATERIAL = 4,020 Cu. Yds.  
Topsoil & Pit Backfill = 4,020 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017









**LEGEND:**

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD

**MILLER, DYER & CO. LLC**

**FLAT ROCK #13-29-14-20**  
**SECTION 29, T14S, R20E, S.L.B.&M.**  
**1135' FSL 507' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

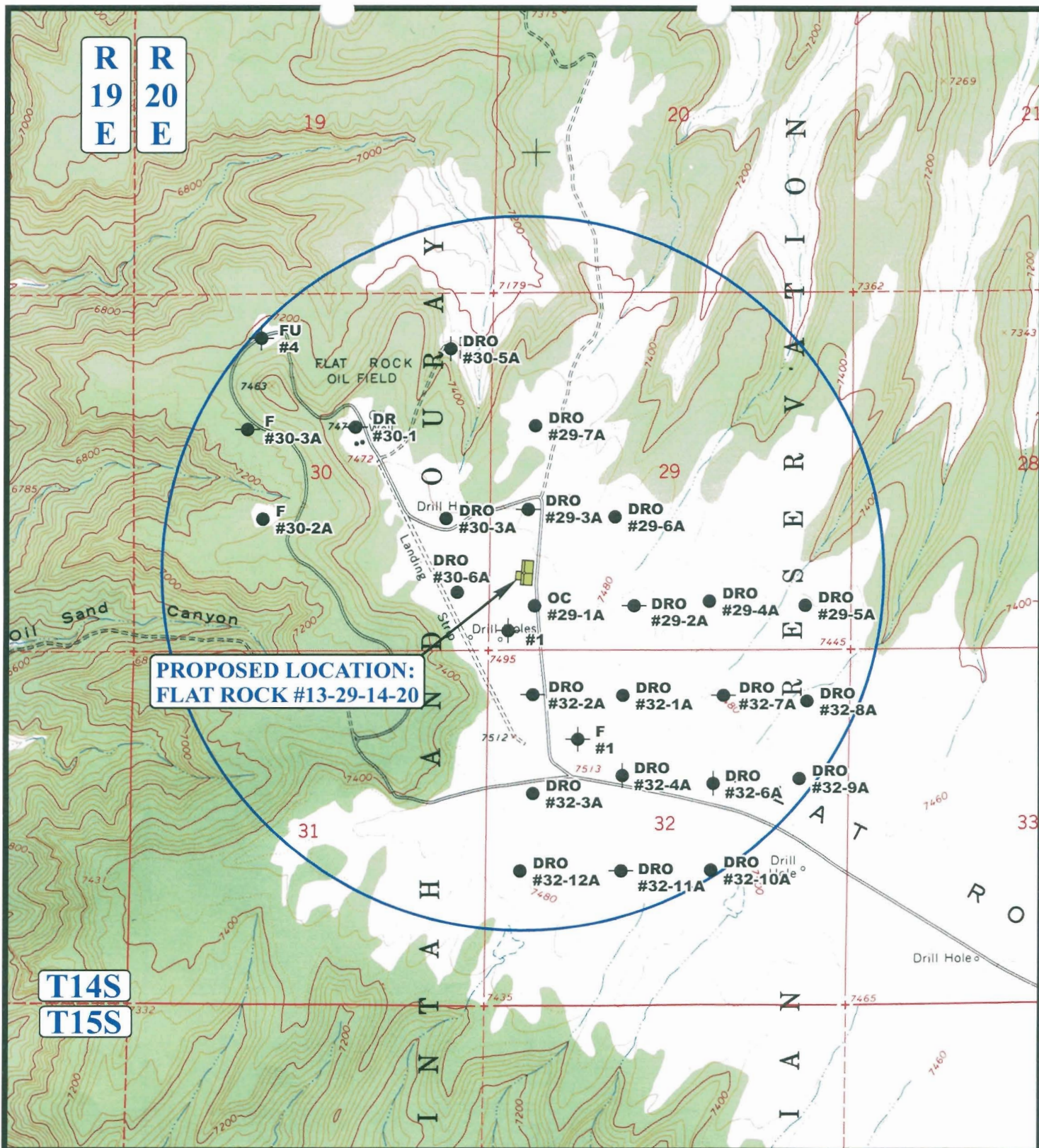
**TOPOGRAPHIC**  
**MAP**

**05 13 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## MILLER, DYER & CO. LLC

**FLAT ROCK #13-29-14-20**  
**SECTION 29, T14S, R20E, S.L.B.&M.**  
**SW 1/4 SW 1/4**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

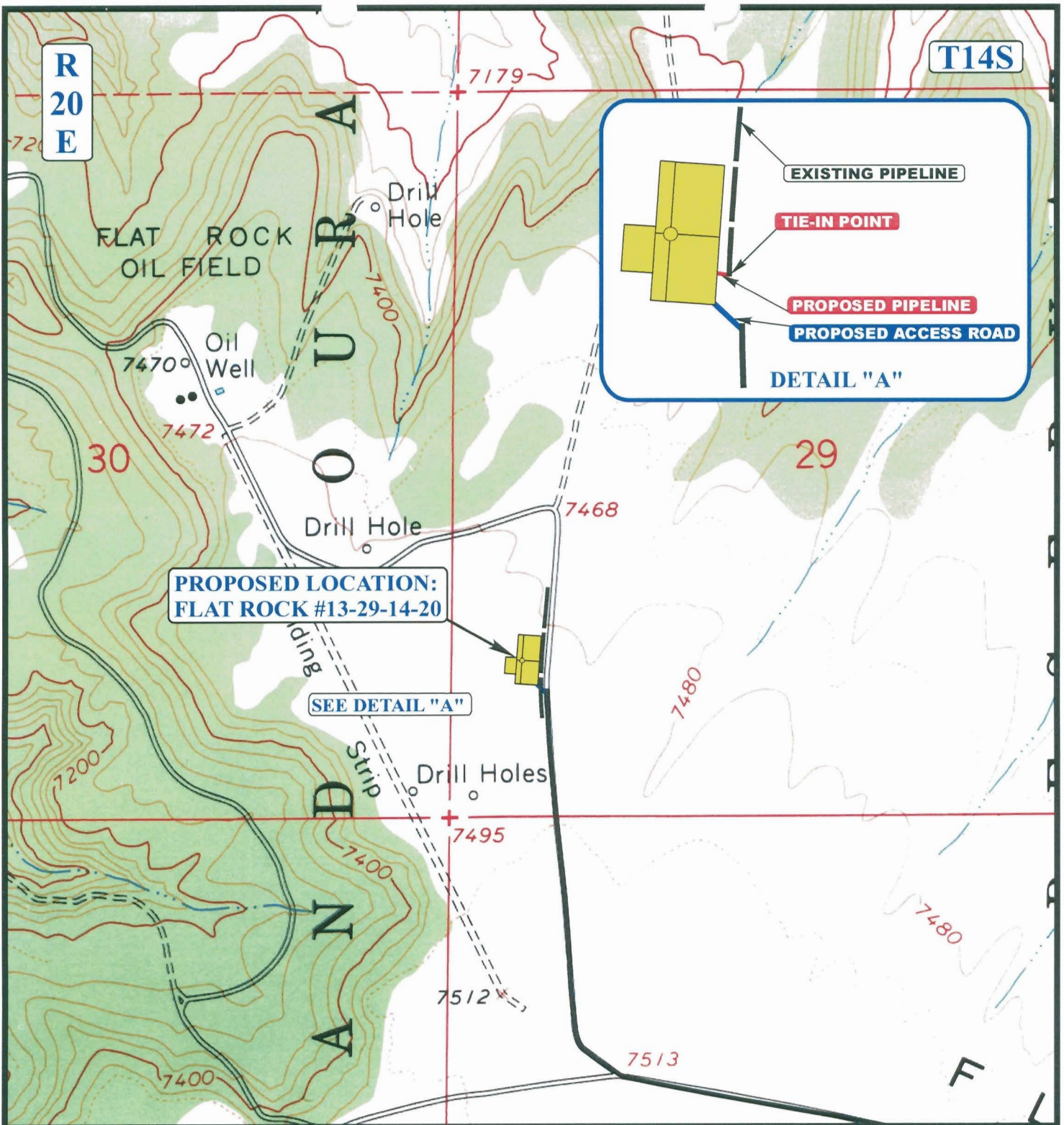
**TOPOGRAPHIC**  
**MAP**

**05 13 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







**APPROXIMATE TOTAL PIPELINE DISTANCE = 20' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

**MILLER, DYER & CO. LLC**

**FLAT ROCK #13-29-14-20**  
**SECTION 29, T14S, R20E, S.L.B.&M.**  
**1135' FSL 507' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

**05 13 05**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/06/2005

API NO. ASSIGNED: 43-047-36778

WELL NAME: FLAT ROCK 13-29-14-20

OPERATOR: MILLER, DYER & CO, LLC ( N2580 )

CONTACT: JEFF LANG

PHONE NUMBER: 303-292-0949

PROPOSED LOCATION:

SWSW 29 140S 200E

SURFACE: 1135 FSL 0507 FWL

BOTTOM: 1135 FSL 0507 FWL

UINTAH

FLAT ROCK ( 600 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-10166

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WINGT

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.56618

LONGITUDE: -109.7089

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. RLB0008085 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 49-1667 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit \_\_\_\_\_

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1. Federal Approval  
2. Spacing Stip





**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

July 11, 2005

Miller, Dyer & CO., LLC  
475 17th St., Suite 1200  
Denver, CO 80202

Re: Flat Rock 13-29-14-20 Well, 1135' FSL, 507' FWL, SW SW, Sec. 29,  
T. 14 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36778.

Sincerely,

Gil Hunt  
Acting Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Miller, Dyer & CO., LLC  
**Well Name & Number** Flat Rock 13-29-14-20  
**API Number:** 43-047-36778  
**Lease:** U-10166

**Location:** SW SW                      **Sec.** 29                      **T.** 14 South                      **R.** 20 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**



# RECEIVED

Form 3160-3  
(August 1999)

JUN - 6 2005

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

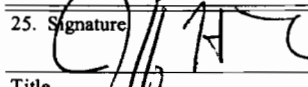
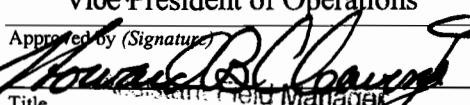
5. Lease Serial No. U-10166
6. If Indian, Allottee or Tribe Name Ute Indian Tribe
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Flat Rock 13-29-14-20
9. API Well No. 43-047-36778
10. Field and Pool, or Exploratory Flat Rock
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 29, T14S, R20E, SLB&M
12. County or Parish Uintah
13. State Utah

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		
2. Name of Operator Miller, Dyer & Co., LLC		
3a. Address 475 17th St. Suite 1200 Denver, CO 80202	3b. Phone No. (include area code) 303-292-0949	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 1135 FSL 507 FWL SWSW At proposed prod. zone Same		
14. Distance in miles and direction from nearest town or post office* See Topo Map "A" (Attached)		12. County or Parish Uintah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 507'	16. No. of Acres in lease 1280	17. Spacing Unit dedicated to this well 40
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 500'	19. Proposed Depth 12,350'	20. BLM/BIA Bond No. on file UTB000058
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7480' GL	22. Approximate date work will start* 09/01/2005	23. Estimated duration 1 Month

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Jeff Lang	Date 6/2/05
Title Vice President of Operations	RECEIVED	
Approved by (Signature) 	Name (Printed/Typed) Howard R. Lang	Date 10/13/2005
Title Mineral Resources	Office DIV. OF OIL, GAS & MINING	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Miller, Dyer & Co., LLC Location: NENW Sec 29, T14S, R20E  
Well No: Flat Rock 13-29-14-20 Lease No: UTU-10166

Petroleum Engineer: Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer: Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician: Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
BLM FAX Machine	435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

***Downhole Conditions of Approval***

**All provisions outlined in Onshore Oil and Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. All BOPE shall be 3M rated.

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**

4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil and Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil and Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR ' 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil and Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR ' 3162.4-3, this well must be reported on the "Monthly Report



of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Worland Field Office.
9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.  
  
All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil and Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil and Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil and Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).

- e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
15. Pursuant to Onshore Oil and Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method should be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.

- A qualified Archeologist accompanied by a Tribal Technician will monitor construction of pipelines. If pipelines are buried, Right-of-Way must be modified to reflect that with Agency Superintendent approval.
- The Ute Tribe Energy and Minerals Department is to be notified, in writing 48 hours prior to the construction.
- Construction Notice shall be given to the Ute Tribe Energy and Minerals Department Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that all contractors including subcontractors, leasing contractors, etc. have acquired a current and valid Ute Tribal Business License and have Access Permits prior to construction, and will have these permits in vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APDs and ROW applications, the Company will notify the Ute Tribe and the BIA in writing, and will receive written authorization of any such change with appropriate authorization (Agency Superintendent).
- The Company will implement and have available upon request a "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company Employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and/or ROW permissions/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confine to the area examined and approved, and to existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and disturbing any significant cultural resources in the area.
- Ute Tribe Energy and Minerals Department shall be notified immediately should any cultural remains from sub-surface deposits be exposed or identified during construction. All construction activities will immediately cease.
- All mitigative stipulations contained in the BIA Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-of-Way, the Company will notify the Ute Tribe Energy and Minerals Department so a Tribal technician can verify Affidavit of Completion.
- Secondary containment must be adequate.
- Berm entire location from corner #8 to corner #10 to keep fluids on location.
- Paint all tanks and equipment juniper green or equivalent to blend with the surroundings.
- Use appropriate pipeline crossings to access road.
- Use silt catchment structure where horse trail crosses access road to prevent further erosion.

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: MILLER, DYER & CO LLC

Well Name: FLAT ROCK 13-29-14-20

Api No: 43-047-36778 Lease Type: FEDERAL

Section 29 Township 14S Range 20E County UINTAH

Drilling Contractor PETE MARTIN'S RIG # BUCKET

### **SPUDDED:**

Date 11/05/05

Time \_\_\_\_\_

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by JOHN FINDLAY

Telephone # \_\_\_\_\_

Date 11/07/2005 Signed CHD

November 2, 2005

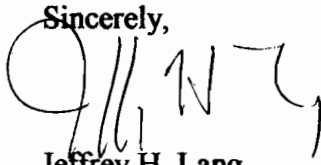
State of Utah  
Department of Natural Resources  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801  
Attn: Mr. Dustin Doucet

Dear Mr. Doucet,

Attached are two copies of a proposed revision Miller, Dyer and Co. wishes to make to two drilling permits you have previously approved. We would like to set larger surface casing to a greater depth than previously planned. This will allow us more options should we encounter difficulties while drilling the wells.

Your prompt attention to this matter is greatly appreciated. If you have any questions, please call me at 303-292-0949 x102.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Lang', written over the word 'Sincerely,'.

Jeffrey H. Lang  
Vice President – Operations  
Miller, Dyer & Co. LLC  
475 Seventeenth Street, Suite 1200  
Denver, Colorado 80202

RECEIVED

NOV 03 2005

DIV. OF OIL, GAS & MINING

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas well ☐ Other

2. Name of Operator  
**Miller, Dyer & Co. LLC**

3. Address and Telephone No.  
**475 17th Street, Suite 1200**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1135 FSL 507 FWL  
 SWSW 29 14S 20E S**

5. Lease Designation and Serial No.

U-10166

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

N/A

8. Well Name and No.

Flat Rock 13-29-14-20

9. API Well No.

43-047-156778

10. Field and Pool, or Exploratory Area

Flat Rock

11. County or Parish, State

Uintah, UT

**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

**TYPE OF ACTION**

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☐ Other \_\_\_\_\_
- ☒ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well  
 Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Revision to the surface casing design previously submitted for this well. Instead of setting 2400' of 24#, 8-5/8", J-55, STC surface casing, Miller, Dyer & Co. wishes to set 3150' of 36#, 9-5/8", J-55, STC surface casing. To facilitate this, a 12-1/4" surface hole will be drilled instead of an 11" surface hole. The surface cementing design will then be modified as described in the attachment. Once the surface casing is set and cemented, a 8-3/4" production hole will be drilled instead of the 7-7/8" hole originally proposed. A 5-1/2" production string will then be set as originally proposed. The resultant changes to cementing program for the production string are included as well as the stress analysis for both the 9-5/8" and 5-1/2" casing strings.

The larger surface casing is being run to facilitate the setting of a 7" intermediate if difficult drilling or hole conditions warrant this. It is not our intent to set an intermediate string, but we will certainly acquire the proper authorizations should this become necessary.

14. I hereby certify that the foregoing is true and correct

Signed

Title

Vice President of Operations

Date

November 1, 2005

(This space of Federal or State office use.)

Approved by

Title

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining

Date

Federal Approval Of The  
 Action Is Necessary

Conditions of approval, if any:

Date: 11/1/05

By: [Signature]

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

NOV 03 2005

**\*See Instruction on Reverse Side**

DIV. OF OIL, GAS &amp; MINING

**DRILLING PLAN REVISIONS  
MILLER, DYER & CO. LLC  
November 1, 2005**

**Flat Rock #13-29-14-20  
SWSW Section 29 T14S-R20E**

**Proposed Casing Program**

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.	Thread
Conductor	40'	20"	16"	Conductor	0.250" wall	
Surface	3,150'	12-1/4"	9-5/8"	J-55	36#	STC
Production	0'-1,500'	8-3/4"	5-1/2"	N-80	17#	Buttress
	1,500'-10,350'	8-3/4"	5-1/2"	N-80	17#	LTC
	10,350'-12,350'	8-3/4"	5-1/2"	N-80	20#	LTC

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.
- **Depending on availability, we may substitute 17#, P-110, LTC instead of the 20#, N-80, LTC for the bottom 2000' (10,350' – 12,350') of the 5-1/2" production string**

**Proposed Cementing Program**

**Conductor Casing: 0'-40'**

Ready Mix to surface

**Surface Casing: 0'-3,150'**

**Lead Cement:**

0'-2800'  
11.0 ppg Hi-Fill  
16% gel  
10 #/sk gilsonite  
3% salt  
3 #/sk GR-3 (ground rubber)  
¼ #/sk cello flake  
Cement yield = 3.82 ft<sup>3</sup>/sk w/ 23 gal/sk water  
Annular volume = 2800' \* 0.3132 ft<sup>3</sup>/ft = 877.0 ft<sup>3</sup>  
Excess = 40%  
Total volume w/ excess = 877.0 ft<sup>3</sup> \* 1.40 = 1227.8 ft<sup>3</sup>  
**Lead Cement Requirement = 1227.8 ft<sup>3</sup> / 3.82 ft<sup>3</sup>/sk = 321 sks**

**Tail Cement:**

2800'-3150' plus shoe joint  
15.8 ppg Class G  
1% CaCl<sub>2</sub>  
¼ #/sk cello flake  
Cement yield = 1.15 ft<sup>3</sup>/sk w/ 5 gal/sk water  
Annular volume = 350' \* 0.3132 ft<sup>3</sup>/ft = 109.6 ft<sup>3</sup>  
Excess = 35%  
Total annular volume w/ excess = 109.6 ft<sup>3</sup> \* 1.35 = 148.0 ft<sup>3</sup>  
Shoe volume = 45' \* 0.4340 ft<sup>3</sup>/ft = 19.5 ft<sup>3</sup>  
Excess (shoe) = 0%  
Total volume w/ excess (incl. shoe) = 148.0 + 19.5 = 167.5 ft<sup>3</sup>  
**Tail Cement Requirement = 167.5 ft<sup>3</sup> / 1.15 ft<sup>3</sup>/sk = 146 sks**

**Displacement Volume:**

3105' \* 0.0773 bbl/ft = 240.0 bbls

**Top Out Cement:**

0-200' (displaced down backside w/ 1" string)  
15.8 ppg Class G  
3% CaCl<sub>2</sub>  
¼ #/sk cello flake  
Cement yield = 1.15 ft<sup>3</sup>/sk w/ 5 gal/sk water  
Annular volume = 200' \* 0.3132 ft<sup>3</sup>/ft = 62.6 ft<sup>3</sup>  
Excess = 40%  
Total volume w/ excess = 62.6 ft<sup>3</sup> \* 1.40 = 87.7 ft<sup>3</sup>  
**Top Out Cement Requirement = 87.7 ft<sup>3</sup> / 1.15 ft<sup>3</sup>/sk = 76 sks**



**Production Casing: 0'-12,350' (DV Tool @ 9000')**

**Stage 1**

Cement:

9000'-12350'

13.5 ppg Halliburton Poz Premium (or equivalent)

5 #/sk Silicalite Compacted (light weight additive)

0.4% Halad®-344 (low fluid loss control)

0.2% Super CBL (gas migration control)

0.2% HR-12 (retarder)

0.25 #/sk Flocele (lost circulation additive)

0.2% CFR-3 (dispersant)

20% SSA-1 (additive material)

Cement yield = 1.73 ft<sup>3</sup>/sk w/ 8.2 gal/sk water

Annular volume = 3350' \* 0.2526 ft<sup>3</sup>/ft = 846.2 ft<sup>3</sup>

Excess = 25%

Total volume w/ excess = 846.2 ft<sup>3</sup> \* 1.25 = 1057.8 ft<sup>3</sup>

Shoe volume = 45' \* 0.1305 ft<sup>3</sup>/ft = 5.9 ft<sup>3</sup>

Excess (shoe) = 0%

Total volume w/ excess (incl. shoe) = 1057.8 + 5.9 = 1063.7 ft<sup>3</sup>

**Stage 1 Cement Requirement = 1063.7 ft<sup>3</sup> / 1.73 ft<sup>3</sup>/sk = 615 sks**

Displacement Volume:

(12350'-45') \* 0.0232 bbl/ft = 286 bbls

**Stage 2 (DV tool to 500' inside surface casing)**

Lead Cement:

2650'-8820'

11.0 ppg Halliburton Hi-Fill (or equivalent)

16% Bentonite (light weight additive)

0.75% Econolite (light weight additive)

10 #/sk gilsonite (lost circulation additive)

0.25 #/sk Flocele (lost circulation additive)

3% salt

1% HR-7 (retarder)

Cement yield = 3.84 ft<sup>3</sup>/sk w/ 23 gal/sk water

Volume inside surface casing = 500' \* 0.1305 ft<sup>3</sup>/ft = 65.3 ft<sup>3</sup>

Excess = 0%

Annular volume = 5670' \* 0.2526 ft<sup>3</sup>/ft = 1432.2 ft<sup>3</sup>

Excess = 25%

Annular volume w/ excess = 1432.2 ft<sup>3</sup> \* 1.25 = 1790.3 ft<sup>3</sup>

Total volume = 65.3 + 1790.3 = 1855.6 ft<sup>3</sup>

**Lead Cement Requirement = 1855.6 ft<sup>3</sup> / 3.84 ft<sup>3</sup>/sk = 483 sks**

**Tail Cement:**

8820' – 9000'

15.8 ppg Premium cement

0.2% HR-5 (retarder)

Cement yield = 1.15 ft<sup>3</sup>/sk w/ 5 gal/sk water

Annular volume = 180' \* 0.2526 ft<sup>3</sup>/ft = 45.5 ft<sup>3</sup>

Excess = 25%

Annular volume w/ excess = 45.5 ft<sup>3</sup> \* 1.25 = 56.9 ft<sup>3</sup>

**Tail Cement Requirement = 50 sks**

**Displacement Volume:**

9000' \* 0.0232 bbl/ft = 209 bbls

**IMPORTANT NOTICE:** This information should be checked by the engineer responsible for the design to insure its accuracy. U. S. Steel makes no express or implied warranty of any kind in respect either to the information furnished or the materials referred to or as to the suitability thereof for any particular application, use or purpose, and expressly disclaims any and all such warranties. Anyone making use of this information does so at their own risk and assumes full responsibility as to its suitability for the use intended and any and all liability resulting from such use.

Date: 11-01-2005 16:00

### U. S. STEEL GENERATED CHECK STRING DESIGN

<b>CASING COMBINATION DESIGN NO</b>	C00979
<b>SUBMITTED BY</b>	Jeff Lang
<b>CUSTOMER</b>	Miller, Dyer & Co.
<b>OUTSIDE DIAMETER</b>	9.625
<b>MUD WEIGHT</b>	8.600
<b>SOUR SERVICE</b>	NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	3150	0-3150	36	J-55	SHORT ROUND	113400	113400

***** SAFETY - FACTORS *****					
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	TENSION ULTIMATE STRENGTH	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	1.436	3.936	3.471	2.502	6.014

**Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 1407 PSI.**

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Date: 11-01-2005 15:55

### U. S. STEEL GENERATED CHECK STRING DESIGN

**CASING COMBINATION DESIGN NO**  
**SUBMITTED BY**  
**CUSTOMER**  
**OUTSIDE DIAMETER**  
**MUD WEIGHT**  
**SOUR SERVICE**

C00977  
 Jeff Lang  
 Miller, Dyer & Co.  
 5.500  
 9.300  
 NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	1500	0-1500	17	N-80	BUTTRESS	25500	209950
2	8850	1500-10350	17	N-80	LONG ROUND	150450	184450
3	2000	10350-12350	17	P-110	LONG ROUND	34000	34000

***** SAFETY - FACTORS *****					
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	TENSION ULTIMATE STRENGTH	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	6.749	1.891	2.125	1.297	2.699
2	1.221	1.625	1.884	1.297	2.207
3	1.254	12.123	13.088	1.784	2.207

**Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 5966 PSI.**

**IMPORTANT NOTICE:** This information should be checked by the engineer responsible for the design to insure its accuracy. U. S. Steel makes no express or implied warranty of any kind in respect either to the information furnished or the materials referred to or as to the suitability thereof for any particular application, use or purpose, and expressly disclaims any and all such warranties. Anyone making use of this information does so at their own risk and assumes full responsibility as to its suitability for the use intended and any and all liability resulting from such use.

Date: 11-01-2005 15:56

### U. S. STEEL GENERATED CHECK STRING DESIGN

**CASING COMBINATION DESIGN NO**

C00978

**SUBMITTED BY**

Jeff Lang

**CUSTOMER**

Miller, Dyer & Co.

**OUTSIDE DIAMETER**

5.500

**MUD WEIGHT**

9.300

**SOUR SERVICE**

NO

ITEM NUMBER	LENGTH FEET	ZONE FEET	WEIGHT LB/FT	GRADE	JOINT TYPE	SECTION WEIGHT LB	TOTAL WEIGHT LB
1	1500	0-1500	17	N-80	BUTTRESS	25500	215950
2	8850	1500-10350	17	N-80	LONG ROUND	150450	190450
3	2000	10350-12350	20	N-80	LONG ROUND	40000	40000

***** SAFETY - FACTORS *****					
ITEM NUMBER	EXTERNAL PRESSURE COLLAPSE	TENSION YIELD STRENGTH	TENSION ULTIMATE STRENGTH	INTERNAL YIELD PRESSURE	LEAK RESISTANCE
TARGET	1.125	1.250	1.800	1.000	1.000
1	6.655	1.838	2.066	1.297	2.699
2	1.215	1.574	1.825	1.297	2.207
3	1.481	9.226	10.697	1.540	2.207

**Note: Safety Factors for Internal Yield Pressure (Pipe or joint) and Leak Resistance are based on an Internal Pressure of 5966 PSI.**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Miller, Dyer & Co., LLC  
Address: 475 17th St. Suite 1200  
city Denver  
state CO zip 80202

Operator Account Number: N 2580Phone Number: (303) 292-0949**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
047-36778	Flat Rock 13-29-14-20		SWSW	29	14S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15065	11/14/2005		11/23/05		
Comments: <u>WINGT</u> <u>- K</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Jeff Lang

Name (Please Print)

Signature [Signature]  
Vice President Operations

11/17/2005

Title

Date

(5/2000)

RECEIVED  
NOV 23 2005

DIV. OF OIL, GAS &amp; MINING

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☐ Oil Well    ☒ Gas well    ☐ Other

## 2. Name of Operator

**Miller, Dyer & Co. LLC**

## 3. Address and Telephone No.

**475 17th Street, Suite 1200**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1135 FSL 507 FWL  
SWSW 29 14S 20E S**

## 5. Lease Designation and Serial No.

U-10166

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

N/A

## 8. Well Name and No.

**Flat Rock 13-29-14-20**

## 9. API Well No.

**43-1441-36-778**

## 10. Field and Pool, or Exploratory Area

**Flat Rock**

## 11. County or Parish, State

**Uintah, UT**

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |  |  |
|--|--|
| <input type="checkbox"/> Abandonment     | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Recompletion    | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Plugging Back   | <input type="checkbox"/> Non-Routine Fracturing  |
| <input type="checkbox"/> Casing repair   | <input type="checkbox"/> Water Shut-off          |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| <input type="checkbox"/> Other _____     | <input type="checkbox"/> Dispose Water           |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Please see attached daily drilling report summary

**RECEIVED**  
**JUL 10 2006**

DIV. OF OIL, GAS &amp; MINING

**MILLER DYER AND CO. LLC REQUESTS THAT ALL INFORMATION BE KEPT CONFIDENTIAL.**

14. I hereby certify that the foregoing is true and correct

Signed

Title

**Vice President of Operations**Date May 23, 2006

(This space of Federal or State office use.)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*STATE COPY*  
**\*See Instruction on Reverse Side**

**Flat Rock 13-29-14-20 DAILY DRILLING REPORT SUMMARY**  
**Activity Detail**

---

11/14/2005	RIG UP FLOOR WELD ON CONDUCTOR FILL MUD TANKS STRAP CSG, PICK UP BHA
11/15/2005	PICKUP BHA DRILLING 14 3/4 CONDUCTOR HOLE WORK ON KELLY HOSE LEAK DRILLING TO 108 FT LAY DOWN SWIVEL AND WAIT ON REPAIR PARTS
11/16/2005	WAIT ON SWIVEL PICKUP SWIVEL & RIG KELLY HOSE
11/17/2005	THAW MUD LINES DRLG FR 108 TO 163 LUBRICATE RIG DRLG FR163 TO 230 TRIP TO RUN CSG RIG UP CASERS & RUN CSG
11/18/2005	RUN 13.375 CSG CMT CSG WAIT ON CMT CUT OFF CONDUCTOR , WELD FLANGE, NIPPLE UP ROTATING HEAD PICK UP BHA DRLG PLUG,BAFFLE ,CMT TRIP TO LOOK AT BIT,LAY DOWN 6" DC DRLG CMT, SHOE
11/19/2005	DRLG 192' - 446' RIG SERVICE DRLG 446' - 719' SURVEY @ 637' DRLG 719' - 1097'
11/20/05	DRLG 1097' - 1181' SURVEY @1107' DRLG 1181' - 1470' RIG SERVICE DRLG 1470' - 1720' SURVEY @ 1637 DRLG 1720' - 2040'
11/21/2005	DRLG 2040' - 2188' RIG SERVICE DRLG 2188' - 2219' SURVEY @ 2137 DRLG 2219' - 2534'
11/22/2005	DRLG 2534-2628 RIG SERVICE DRLG 2628 -2659 SURVEY @ 2578 DRLG 2659 - 3037
11/23/2005	DRLG 3037 - 3131 RIG SERVICE DRLG 3131 - 3160 CIRC BTMS UP & RUN SURVEY RIG REPAIR--WORK ON LOCKED UP BLOCKS SHORT TRIP TO 8" DCs ( TIGHT @ 3025',2856'- 2730', 2267' - 2100') RIG REPAIR--WORK ON LOCKED UP BLOCKS TRIP IN HOLE ( HIT BRIDGE @ 1652', 3160') RIG REPAIR--WORK ON LOCKED UP BLOCKS TRIP IN HOLE RIG REPAIR--WORK ON LOCKED UP BLOCKS TRIP OUT FOR CSG (TIGHT HOLE 3078' - 2908', ) RUN CSG 9.625 36# J-55 ST&C
11/24/2005	RUN 9.625 CSG LANDED @ 3160' CIRC CSG CMT CSG WATCH CMT ( FELL 30' ) TOP OF HOLE W /CMT WATCH CMT ( FELL TO GROUND LEVEL STOPPED) CUT OFF CONDUCTOR WELD CSG HEAD CMT BASE PLATE IN



**Flat Rock 13-29-14-20    DAILY DRILLING REPORT SUMMARY**  
**Activity Detail**

---

	WAIT ON BASE PLATE CMT NIPPLE UP BOPs TEST BOPs
11/25/2006	TEST B O P TRIP IN HOLE RIG REPAIR - CHANGE OUT BLOCKS TRIP IN HOLE DRLG CEMENT DRLG FR 3160 TO 3321
11/26/2005	DRLG FR 3321 TO 3667 SURVEY ( MISS RUN ) DRLG FR 3667 TO 3729 SURVEY @ 3650 DRLG FR 3729 TO 3918 SERVICE RIG DRLG FR 3918 TO 4230 SURVEY @ 4150 DRLG FR4230 TO 4669
11/27/2005	DRLG FR 4669 TO 4732 SURVEY @ 4652 DRLG FR 4669 TO 4732 SURVEY @ 4850 DRLG FR 4921 TO 5141 SURVEY @ 5060 DRLG FR 5141 TO 5245
11/28/2005	DRLG 5245 TO 5359 SURVEY @ 5279 DRLG FR 5359 TO 5422 RIG SERVICE DRLG FR 5422 TO 5698 T.O.H. FOR DIRECTIONAL TOOLS
11/29/2005	TRIP OUT HOLE PICK UP DIRECTIONAL TOOLS T. I. H. SLIP & CUT DRLG LINE TEST TOOLS WORK ON BLOCKS DRLG FR 5678 TO LIGHT PLANTS DOWN
11/30/2005	WORK ON LIGHT PLANTS DRLG FR 5878 TO 5951 RIG SERVICE DRLG FR 5951 TO 6378
12/1/2005	DRILLING FR 6378 TO 6421 RIG SERVICE DRILLING FROM 6421 TO 6428 TRIP FOR BIT PICK UP D. C. TRIP IN HOLE WASH & REAM 25 FEET TO BOTTOM DRILLING FROM 6421 TO 6480 REPAIR OILER CHAIN IN COMPOUND DRILLING FROM 6480 TO 6592
12/2/2005	DRLG FR 6592 TO 6668 T. O. H FOR BIT CHANGE BITS , TEST TOOLS T. I. H. DRLC FR 6668 TO 6919
12/3/2005	DRILLING FR 6919 TO 7044 RIG SERVICE DRLG FR 7044 TO 7660
12/4/2005	DRLG FR 7660 TO 7766 SERVICE RIG DRLG FR 7660 TO 8168
12/5/2005	DRLG FR 8168 TO 8293 T. O. H. FOR M. MOTOR CHANGE M. MOTOR, TEST TOOLS, T. I. H. DRILL FR 8293 TO 8492

**Flat Rock 13-29-14-20      DAILY DRILLING REPORT SUMMARY**  
**Activity Detail**

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12/6/2005	DRLG FR 8479 TO 8486 - BIT ACTS BALLED TRIP OUT HOLE - M. MOTOR BAD RIG SERVICE WAIT ON M. MOTOR PICK UP M. MOTOR TEST TOOLS TRIP IN HOLE WASH 90' TO BOTTOM DRLG FR 8486 TO 8596
12/7/2005	DRLG FR 8596 TO 8820 SERVICE RIG DRLG FR 8820 TO 9262
12/8/2005	DRLG FR 9262 TO 9325 WORK ON BACK BRAKE ON MASTER CLUTCH DRLG FR 9325 TO 9608 RIG SERVICE DRLG FR 9608 TO 9732 TRIP FOR BIT T. I. H. TO SHOE TEST TOOLS SLIP & CUT DRLG LINE T. I. H. TO DRLG
12/9/2005	TIH DRLG 9732 - 9764 RIG SERVICE DRLG 9764 - 9932
12/10/2005	DRLG 9932-10016 RIG SERVICE DRLG 10016 - 10212
12/11/2005	DRLG 10212 - 10300 RIG SERVICE DRLG 10300 - 10458 TRIP FOR BIT #6
12/12/2005	TRIP FOR BIT #6 - LAY DOWN DIR TOOLS & PICK UP HUNTING MUD MOTOR & BIT #7 WASH & REAM 120' TO BTM (EASY REAMING ) NO FILL DRLG 10458' - 10548'
12/13/2005	DRLG 10548 - 10580 RIG SERVICE DRLG 10580-10690
12/14/2005	DRLG 10690 - 10738 RIG SERVICE DRLG 10738 - 10863
12/15/2005	DRLG 10863 10889 PUMP PILL, DROP SURVEY , TRIP FOR BIT #7 DRLG 10889 -10918
12/16/2005	DRLG FR 10918 TO 10928 RIG SERVICE DRLG FR 10928 TO 10995
12/17/2005	DRLG FR 10995 TO 11023 RIG SERVICE DRLG FR 11023 TO 11033 TRIP OUT HOLE TRIP IN HOLE TO 4631 HIT BRIDGE WASH & REAM FR 4631 TO 4710
12/18/2005	TRIP IN HOLE DRLG FR 11033 TO 11075 RIG SERVICE DRLG FR 11075 TO 11158
12/19/2005	DRLG FR 11158 TO 11173 RIG SERVICE DRLG FR 11173 TO 11179 TRIP OUT HOLE CHANGE MUD MOTOR & BIT, TRIP IN HOLE DRLG FR 11179 TO 11184

**Flat Rock 13-29-14-20      DAILY DRILLING REPORT SUMMARY**  
**Activity Detail**

---

12/20/2005	DRLG FR 11184 TO 11205 RIG SERVICE DRLG FR 11205 TO 11318
12/21/2005	DRLG FR 11318 TO 11328 RIG SERVICE WAIT ON FUEL DRLG FR 11328 TO 11361 CLEAN MUD TANK DRLG FR 11361 TO 11501
12/22/2005	DRILLING FROM 11501 TO 11523 TRIP FOR BIT TRIP IN HOLE TO SHOE SLIP & CUT DRLG LINE TRIP IN HOLE DRILLING FROM 11523 TO 11568 REPAIR SWIVEL PACKING DRILLING FROM 11568 TO 11576
12/23/2005	DRLG FR 11576 TO 11610 RIG SERVICE DRLG FR 11610 11629 TRIP OUT HOLE CHANGE BIT, MUD MOTOR, TRIP IN HOLE WASH & REAM FR 11550 TO 11629 DRLG FR 11629 TO 11632
12/24/2005	DRLG FR 11632 TO 11704 RIG SERVICE DRLG FR 11704 TO 11819
12/25/2005	DRLG FR 11819 TO 11862 RIG SERVICE DRLG FR 11862 TO 11976
12/26/2005	DRLG FR 11976 TO 12018 RIG SERVICE DRLG FR 12018 TO 12176
12/27/2005	DRLG FR 12176 TO 12201 SHORT TRIP CIRC. & CONDITION HOLE FOR LOGS TRIP OUT HOLE FOR LOGS / LAY DOWN MUD MOTOR, MONEL & DC WIRE LINE LOGS
12/28/2005	WIRELINE LOGS TRIP IN HOLE SLIP AND CUT DRLG LINE TRIP IN HOLE CIRC. & COND. HOLE LAY DOWN DRILL PIPE
12/29/2005	LAY DOWN DP & DC RIG UP RUN CSG - 314 JTS 5 1/2 , 17 # CSG CIRC. HOLE TO CEMENT & RIG UP HALIBURTON
12/30/2005	CIRC SAFTY MEETING W/HALLIBURTON CMT FIRST STAGE CIRC THROUGH DV TOOL 70BBLs CMT TO SURFACE CMT SECOND STAGE BUMPED PLUG W/2900 PSI HELD 5 MIN; DV TOOL HELD NIPPLE DOWN SET SLIPS 150,000 ON SLIPS CLEAN MUD TANKS RIG DOWN RIG RELEASE AT 11 P

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**U-10166**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Ute Indian Tribe**

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER \_\_\_\_\_

7. UNIT or CA AGREEMENT NAME  
**N/A**

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**Flat Rock 13-29-14-20**

2. NAME OF OPERATOR:  
**Miller, Dyer & Co. LLC**

9. API NUMBER:  
**4304736778**

3. ADDRESS OF OPERATOR:  
**475 17th St. Suite 1200 CITY Denver STATE CO ZIP 80202**

PHONE NUMBER:  
**(303) 292-0949**

10 FIELD AND POOL, OR WILDCAT  
**Flat Rock**

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: **1135 FSL 507 FWL**

AT TOP PRODUCING INTERVAL REPORTED BELOW: **1080' FSL, 678' FWL**

AT TOTAL DEPTH: **1080' FSL, 678' FWL**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SWSW 29 14S 20E S**

12. COUNTY  
**Uintah**

13. STATE  
**UTAH**

14. DATE SPUDDED:  
**11/15/2005**

15. DATE T.D. REACHED:  
**12/27/2005**

16. DATE COMPLETED:  
**3/14/2006**

ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):  
**7502 KB 7480 GL**

18. TOTAL DEPTH: MD **12,201**  
TVD **12,201 12,187**

19. PLUG BACK T.D.: MD **12,142**  
TVD **12,128**

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD **11,800**  
PLUG SET: TVD **11,786**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

*HRI, SDL, DSN, GR, SP, BHCS, CAL*

23.

WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
14 3/4	13.38 J55	54.5	0	182		V 110	23	surface	
12 1/4	9.625 J55	36	0	3,160		V & G 731	371	surface	
8 3/4	5.5 N80	17	0	10,350					
	5.5 P110	17	10,350	12,197	9,010	G & V 1,575	672	1276 (CBL)	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	11,386	11,386						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Kaventa	11,840	11,980	11,826	11,966	11,941 11,947	19 qm	24	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
(B) Entrada	11,455	11,798	11,441	11,784	11,481 11,484	19 qm	12	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Entrada	11,455	11,798	11,441	11,784	11,471 11,478	19 qm	28	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D) Entrada	11,455	11,798	11,441	11,784	11,456 11,468	19 qm	48	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

**RECEIVED**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11,941-47	500 gals of 7.5% HCl
11,456-84	2500 gals of 7.5% HCl w/ 160 ball sealers

**JUL 10 2006**

DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: Cement Bond Log

30. WELL STATUS:

**Producing**

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE: 3/2/2006		HOURS TESTED: 25		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF: 1	WATER – BBL: 6	PROD. METHOD: Swabbing
CHOKE SIZE: 14/64	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF: 20	WATER – BBL: 144	INTERVAL STATUS: Below CIBP

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 3/14/2006		TEST DATE: 3/9/2006		HOURS TESTED: 96		TEST PRODUCTION RATES: →		OIL – BBL:		GAS – MCF: 78		WATER – BBL: 1		PROD. METHOD: Flowing	
CHOKE SIZE: 10	TBG. PRESS. 2,500	CSG. PRESS. 2,500	API GRAVITY	BTU – GAS 1,025	GAS/OIL RATIO	24 HR PRODUCTION RATES: →		OIL – BBL:		GAS – MCF: 1,875		WATER – BBL: 10		INTERVAL STATUS: Producing	

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED: 3/14/2006		TEST DATE: 3/9/2006		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED: 3/14/2006		TEST DATE: 3/9/2006		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL – BBL:		GAS – MCF:		WATER – BBL:		PROD. METHOD:	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →		OIL – BBL:		GAS – MCF:		WATER – BBL:		INTERVAL STATUS:	

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	0	2,321	Water bearing sandstone	Green River	0
Wasatch	2,321	4,548	Gas / water sand	Wasatch	2,321
Mesaverde	4,548	6,387	Gas / water sand	Mesaverde	4,548
Castlegate	6,387	10,554	Sandstone	Castlegate	6,387
Dakota	10,554	10,840	Sand / shale	Dakota	10,554
Morrison	10,840	11,455	Sand / shale	Morrison	10,840
Entrada	11,455	11,798	Gas sand	Entrada	11,455
Carmel	11,798	11,840	Shale	Wingate	11,980
Kayenta	11,840	11,980	Gas / water sand		
Wingate	11,980		Gas / water sand		

## 35. ADDITIONAL REMARKS (Include plugging procedure)

PLEASE TREAT THIS WELL AS A TIGHT HOLE

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jeffrey H. Lang TITLE Vice President of Operations

SIGNATURE [Signature] DATE 7/7/06

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

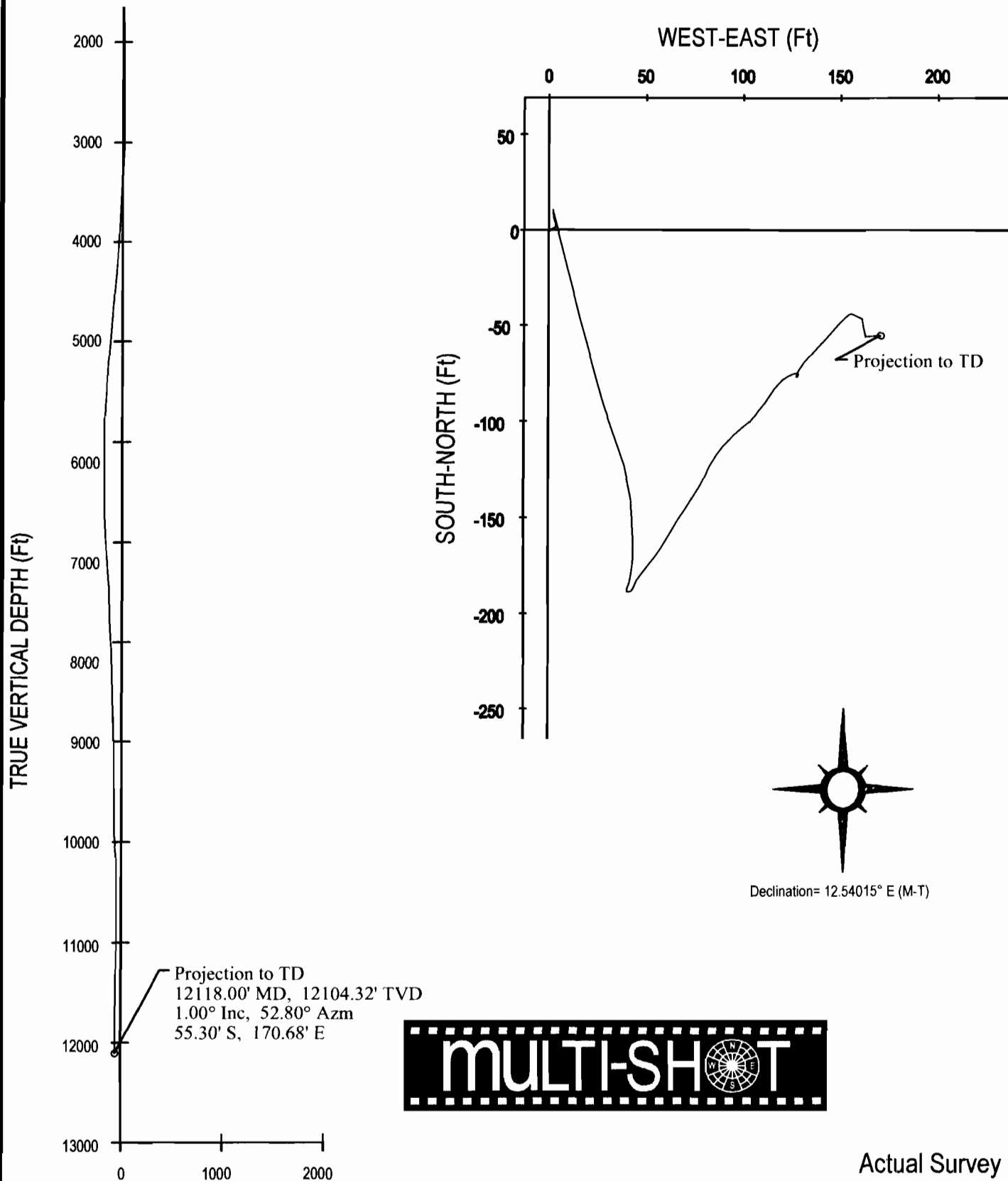
Phone: 801-538-5340

Fax: 801-359-3940

Company: Miller Dyer  
Lease/Well: Flatrock 13-29-14-20  
Location: Uintah County  
Rig Name: Patterson #136

**Miller Dyer**

State/Country: Utah, USA  
Declination: 12.54015  
Grid: -0.90  
Date: 02/06/2006



**MULTI-SHOT**

Drawn By: LMB VERTICAL SECTION (Ft) @ 105.00° Azm

Actual Survey  
A05419r1.dwg



<b>Company:</b>	MILLER,DYER	<b>Operator:</b>	MILLER,DYER
<b>Lease / Well:</b>	FLAT ROCK 13-29-14-20	<b>Comments</b>	
<b>County/Parish:</b>	UINTAH	<b>Probe Serial #:</b>	185
<b>State:</b>	UTAH	<b>Proposed Direction:</b>	105
<b>Date:</b>	11/19/2005	<b>Mag. Declination:</b>	12
		<b>Comments:</b>	

TIE-IN Survey					
Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Coordinates (+N/-S)	Coordinates (+E/-W)

Digital Single-Shot Survey Report										
Svy #	Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Vertical Section	Coordinates (+N/-S)	Coordinates (+E/-W)	Dog-Leg / 100 ft.	Closure Distance	Closure Direction
1	637	0.30	65.90	637.00	1.29	0.68	1.52	0.05	1.67	65.90°
2	1107	0.20	59.70	1106.99	2.83	1.60	3.35	0.02	3.71	64.53°
3	1641	0.30	322.30	1640.99	2.37	3.17	3.30	0.07	4.58	46.15°
4	2137	0.50	355.20	2136.98	0.60	6.36	2.33	0.06	6.77	20.11°
5	2578	0.30	364.90	2577.97	-0.25	9.43	2.27	0.05	9.69	13.52°
6	3074	0.10	285.00	3073.96	-0.91	10.83	1.96	0.06	11.01	10.25°
	3150	1.90	171.80	3149.95	-0.48	9.60	2.07	2.55	9.82	12.19°
	4150	4.70	163.50	4148.20	27.46	-46.10	16.08	0.28	48.82	160.77°
	4652	5.40	166.40	4648.25	49.52	-88.78	27.47	0.15	92.93	162.81°
7	4841	5.10	157.30	4836.46	58.91	-105.17	32.81	0.47	110.17	162.68°
8	5060	4.80	164.10	5054.64	69.57	-122.97	39.07	0.30	129.02	162.37°
9	5279	4.70	172.90	5272.89	77.65	-140.68	42.69	0.34	147.02	163.12°
	5648	3.50	183.80	5640.95	85.52	-166.92	43.81	0.39	172.58	165.29°
	5772	3.10	185.90	5764.74	86.79	-174.04	43.22	0.34	179.32	166.05°
	5865	3.10	189.10	5857.60	87.45	-179.02	42.56	0.19	184.01	166.63°
	5960	2.50	196.80	5952.49	87.65	-183.54	41.56	0.74	188.19	167.24°
	6054	1.70	198.90	6046.43	87.49	-186.82	40.51	0.85	191.16	167.76°
	6148	0.50	133.30	6140.41	87.75	-188.42	40.36	1.66	192.70	167.91°
	6240	0.80	81.50	6232.40	88.69	-188.60	41.29	0.68	193.07	167.65°
	6373	0.70	62.50	6365.39	90.15	-188.09	42.93	0.20	192.93	167.14°
	6457	1.70	19.20	6449.38	90.61	-186.68	43.79	1.53	191.74	166.80°
	6581	2.60	25.30	6573.29	91.25	-182.40	45.60	0.75	188.01	165.96°
	6675	3.30	39.00	6667.16	92.73	-178.37	48.21	1.05	184.77	164.87°
	6770	3.40	39.00	6762.00	94.99	-174.05	51.71	0.11	181.57	163.45°
	6864	2.70	40.80	6855.87	97.09	-170.21	54.91	0.75	178.85	162.12°
	6959	3.30	33.10	6950.74	98.91	-166.23	57.86	0.76	176.01	160.81°
	7084	4.40	28.60	7075.45	101.16	-159.00	62.12	0.91	170.71	158.66°
	7179	5.20	32.30	7170.12	103.30	-152.16	66.17	0.90	165.93	156.50°
	7273	5.10	32.80	7263.74	105.84	-145.05	70.71	0.12	161.37	154.01°
	7368	4.20	30.60	7358.43	108.07	-138.51	74.76	0.97	157.40	151.64°
	7461	4.50	32.40	7451.16	110.07	-132.49	78.45	0.35	153.98	149.37°
	7587	1.10	7.90	7576.99	111.40	-127.12	81.27	2.80	150.88	147.41°
	7680	1.50	22.80	7669.97	111.46	-125.12	81.86	0.56	149.52	146.80°
	7774	2.60	30.90	7763.91	112.21	-122.15	83.44	1.21	147.93	145.67°
	7868	3.60	32.70	7857.77	113.69	-117.84	86.12	1.07	145.96	143.84°
	7962	4.00	39.40	7951.56	115.94	-112.82	89.80	0.64	144.20	141.48°
	8084	4.00	48.40	8073.27	120.04	-106.71	95.68	0.51	143.32	138.12°
	8207	2.50	50.70	8196.06	123.97	-102.16	100.97	1.22	143.64	135.34°
	8303	1.90	50.80	8291.99	126.12	-99.83	103.82	0.63	144.03	133.88°
	8429	1.90	29.70	8417.93	127.87	-96.69	106.47	0.55	143.83	132.24°
	8519	1.80	36.30	8507.88	128.76	-94.26	108.05	0.26	143.39	131.10°
	8645	2.70	39.00	8633.78	130.69	-90.36	111.09	0.72	143.20	129.12°
	8771	1.90	28.40	8759.68	132.38	-86.21	113.95	0.72	142.89	127.11°



<b>Company:</b> MILLER,DYER	<b>Operator:</b> MILLER,DYER
<b>Lease / Well:</b> FLAT ROCK 13-29-14-20	<b>Comments</b>
<b>County/Parish:</b> UINTAH	<b>Probe Serial #:</b> 185
<b>State:</b> UTAH	<b>Proposed Direction:</b> 105
<b>Date:</b> 11/19/2005	<b>Mag. Declination:</b> 12
	<b>Comments:</b>

TIE-IN Survey					
Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Coordinates (+N/-S)	Coordinates (+E/-W)

Svy #	Digital Single-Shot Survey Report									
	Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Vertical Section	Coordinates (+N/-S) (+E/-W)		Dog-Leg / 100 ft.	Closure Distance	Closure Direction
	8866	3.00	34.90	8854.59	133.59	-82.79	116.12	1.19	142.61	125.49°
	8991	2.60	51.30	8979.44	136.38	-78.33	120.21	0.71	143.48	123.09°
	9083	1.90	67.90	9071.37	138.84	-76.46	123.25	1.03	145.04	121.81°
	9176	1.10	58.10	9164.34	140.68	-75.40	125.43	0.90	146.35	121.01°
	9271	1.00	84.20	9259.32	142.07	-74.84	127.03	0.51	147.44	120.50°
	9365	0.40	126.30	9353.32	143.15	-74.95	128.11	0.80	148.43	120.33°
	9460	0.20	134.40	9448.32	143.60	-75.26	128.50	0.21	148.92	120.36°
	9553	0.60	195.80	9541.31	143.73	-75.84	128.48	0.57	149.20	120.55°
	9646	1.00	219.90	9634.30	143.39	-76.94	127.83	0.55	149.20	121.04°
	9741	1.20	7.80	9729.30	142.91	-76.59	127.43	2.23	148.68	121.01°
	9835	2.80	24.70	9823.24	143.18	-73.52	128.53	1.80	148.07	119.77°
	9930	3.80	42.20	9918.08	145.01	-69.08	131.61	1.48	148.64	117.70°
	10055	7.70	41.50	10042.43	150.64	-59.74	139.94	3.12	152.16	113.12°
	10213	3.30	39.70	10199.66	157.26	-48.31	149.87	2.79	157.46	107.87°
	10339	2.00	56.50	10325.53	160.24	-44.30	154.02	1.19	160.26	106.05°
	10404	1.00	95.40	10390.51	161.55	-43.73	155.53	2.11	161.56	105.70°
	10808	0.90	136.10	10794.45	167.74	-46.35	161.24	0.17	167.77	106.04°



# Miller, Dyer & Co., LLC

## DAILY COMPLETION REPORT

Lease & Well No.

Flat Rock 13-29

02/13/06	MIRU- move tanks and rig pump to location- ND well head and NU 7-1/16 5M BOPE- Fill casing full with 30 bbls of produced water. Prepare to RIH w/ 4-3/4 mill tooth bit, casing scraper and 2-7/8" tubing by rigging up floor, power tongs and slips. SDFN
02/14/06	RIH with 4-3/4" mill tooth bit, casing scraper and 2-7/8" EUE N-80 6.5 # tubing. Run 155 joints in hole. Note: new tubing, tally, remove thread protectors and pick up singles off cat walk. Slow process. SDFN
02/15/06	Continue to RIH with 4-3/4" mill tooth bit, casing scraper, and 2-7/8" tubing. Tag cement and DV tool at 8949.55'. Prepare to TOOH w/ bit, scraper and 2-7/8" tubing. TOOH w/ bit, scraper, and tubing, standing back tubing (129 stands). SDFN
02/16/06	Continue to TOOH with 4-3/4" mill tooth bit, casing scraper, and 2-7/8" tubing. Pull approx 20 stands and right angle box heated up and melted gears inside. Had to shut down for necessary repairs. NOTE- Smith Detroit came to location and removed box from rig- Right angle box taken to town for repairs at 18:00 HRS
2/17-23/06	No activity
02/24/06	Install right angle gear box in rig. TOOH with bit and scraper. TIH with 4-3/4 bit and bit sub to 4850'. SWIFN
02/25/06	Finished TIH with bit and bit sub and tagged cement at 8949.5'. Having trouble with ice plugs in tubing. Hooked up pump and lines, installed stripping head and picked up power swivel. Drilled out cement from 8949.5' to 8964' and drilled out DV tool, circulated hole clean. Displaced fresh water with produced water while drilling. Set power swivel back and pulled 2 stands having trouble with brakes on rig releasing. SWIFN.
02/26/06	No report
02/27/06	TOOH with bit and bit sub on 136 stands of 2-7/8 tubing. TIH with 4-3/4 bit and casing scraper on 136 stands 2-7/8 tubing. Tally 99 joints 2-7/8 tubing and rabbit and pick up 25 joints of 2-7/8 tubing. SWIFN.
02/28/06	Finished TIH with 4-3/4 bit and 4-3/4 casing scraper and tagged at 12139', picking up and rabbiting 45 joints. Picked up power swivel and installed Washington head rubber. Hooked up pump and lines. Drilled from 12139' to 12142' and tagged float collar. Circulated hole clean for 45 minutes, set power swivel back and took out Washington head rubber. TOOH with 100 stands, rig lost air pressure. SWIFN
03/01/06	Change air compressor on rig. Finished TOOH with 4-3/4 bit and casing scraper. Rig down floor and tongs, take off Washington head. Rigged up Haliburton wireline. Ran CBL log from 12142' to 1100'. Pressured up to 1000 psi and relogged from 4700' to 3100'. Approximate cement top @ 1300'. Ran in hole with 6' long 3-1/8" gun with 4 SPF 60" phasing. Perforated well from 11941' to 11947'. Rigged down wireline.
03/02/06	Put on Washington head and rigged up floor. TIH with packer with 6' long perforated pup joint and bull plug and 2-3/8" tubing to 11880'. Rigged up Haliburton and tested lines to 6000 psi. Acidized perfs from 11941' to 11947' with 500 gallons 7.5% HCL. Total fluid pumped = 85 bbls. Opened well up on 14/64 choke. Flowed well back recovering 2 bbls fluid. Pressure dropped to 0 PSI. Made 3 swab runs with fluid level starting at surface and going down to 1500' on 3rd run. Pulling 1000' fluid each run and recovering 18 bbls fluid. 20 bbls recovered, 65 bbls left to recover. Turned well to flow back tank on 16/64 choke made no fluid and built no pressure.
03/03/06	Swabbed well a total of 15 runs with fluid level starting at 1800' and going down to 11300', pulling 1000' per run. Recovered 86 bbls of fluid averaging 5.75 BPR. Total recovery for 2 days = 106 bbls, 21 bbls over fluid pumped. Made last 3 runs from seat nipple at 11873' with well blowing for 30 seconds after last 5 runs. Fluid was gas cut every run but didn't contain any visible oil.
03/06/06	SICP = 0 psi. SITP = 2200 psi. Blew well down to flow back tank. Swabbed well recovering 5 bbls, making 3 runs with fluid level starting at 10600' and staying at 11600' for next 2 runs. Recovered no fluid on last 2 runs.
03/07/06	Change out matting boards on rig and rig up. Hooked up lines. Tubing pressure was 1200 psi. Blew well down to flow back tank. Rigged up to swab and made 1 run. Couldn't detect fluid level. Recovered less than 20" fluid (oil and production water). Well kept blowing lightly after blow down and swab run. Rigged down swab equipment. Filled tubing with production water, unset packer and laid down 15 joints 2-7/8" tubing. TOOH with packer, standing back 172 stands. Laid down packer and 1 joint tail pipe. Shut well in and rigged down floor.
03/08/06	Rigged up Haliburton wireline. Ran 4-3/4" gauge ring and junk basket to 11900', tagging nothing. RIH with CIBP and set plug at 11800'. POOH with setting tool. Hooked up pump and lines and pressure tested casing and plug to 1000 psi for 3 minutes. Held. Ran in hole with 3-1/8" perforating guns and perforated well from 11481'-84', 11471'-78', 11456'-68' w/ 4 SPF @ 60 degree phasing, 19 gram charges with a 0.39" diameter entry hole. Estimated penetration = 40". No detectable flow or drop in fluid level after perforating. Rigged down wireline. TIH with packer, 1 joint 2-7/8 tubing, F-nipple on 136 stands 2-7/8 tubing to 9014'. SWIFN. Well running over while running in hole from tubing displacement.
03/09/06	Finish TIH with packer on 345 joints 2-7/8" tubing, set arrow set packer at 11386.48' and landed tubing on hanger. Hooked up Haliburton and tested casing to 1000 PSI, held for 2 minutes - tested good. Pumped 2500 gallons 7.5% HCL containing 2 GPT Losurf 300, 2 LBS BE-6, 7 GPT Cia-Sta XP, 10 GPT FE-1A, 50 GPT MUSOLA. Pumped 500

# Miller, Dyer & Co., LLC

## DAILY COMPLETION REPORT

Lease & Well No.

Flat Rock 13-29

gallons, then spaced 160 balls out in next 1500 gallons, followed by 500 gallons acid. Displaced acid 2 bbls past bottom perforation with 70 bbls produced water. Pressure built to 4600, and broke back to 3350 at start of job. Pressure dropped to 2800 as acid reached perforations. Pressure built to 2950 with balls and worked up and down from 2700 to 2950. After last ball, pressure worked down to 2700 at 4.5 BPM. Instant shut in pressure 0 PSI. Pump rate held at 4.5 BPM throughout job.

Shut well in and rigged up to swab.

Made 1st swab run tagging at 3500', pulling from 4500', and recovering 5 bbls. While coming out of hole with swab cups, rig lost all but 1st gear.

Refilled transmission with oil and cleaned filters.

Made 2nd run tagging at 1800, pulling from 2800, and recovering 5 bbls. Well started flowing after run, took off lubricator. Opened well to flow back tank, rig crew choked well back with TIW valve and washed valve out. Released rig crew.

Flowed well to flow back tank on 10/64 choke recovering 90 bbls water (100 total), leaving 24 bbls load to recover. PH on fluid went to 7, shut TIW valve and stabbed second valve in top of TIW. SWIFN. Well was flowing on 10/64 choke at 2500 PSI with mist of fluid coming back.

03/10/06

Tightened leak on tubing valve. Hooked up pressure gauge on tubing. SICP 0 PSI. SITP 2650 PSI.

Hooked up tubing to production line.

Started flowing well to production at 600 MCFD for first 1/2 hour. Brought well to 1000 MCFD and monitored pressure and rate. Pressure fell slowly to 2525 PSI and rate stayed the same. Left well on production.

03/13/06

Travel to location.

Hooked up pump and lines. Thawed out check valve on separator and flowed well to production line at 2000 MCFD and 2300 PSI.

Tried to kill tubing with rig pump by pumping 5 bbls produced water. Pump failed. Drained pump and lines. Turned well to production and monitored rates and pressures. Picked up equipment.

Kept rate at 2000 MCFD. Pressure started at 2300 and worked up to 2460. Choke started on 10/64 and eventually washed out.

03/14/06

Hooked up Adler hot oil truck and killed tubing with 60 bbls produced water. Nipped down BOPs and nipped up well head.

Rigged up to swab to production tank. Made 2 swab runs tagging at 3500' and 2100', pulling 1000' fluid each run. Well started flowing. Flowed well to production tank, pressure came up to 2300 PSI and water cleaned up.

Rigged down swab equipment and picked up equipment. Rigged down and waited until morning frost to move rig. Turned well to production at 15:30.

Maintained rate at 2000 MCFD with pressure starting at 2300 PSI and building to 2450 PSI.

Well shut in at 21:30 due to high line pressure with a tubing pressure of 2600 PSI.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**6/1/2008**

<b>FROM: (Old Operator):</b> N2580-Miller, Dyer & Co, LLC 475 17th St, Suite 1200 Denver, CO 80202  Phone: 1 (303) 292-0949	<b>TO: ( New Operator):</b> N2680-Whiting Oil & Gas Company 1700 Broadway, Suite 2300 Denver, CO 80290  Phone: 1 (303) 837-1661
--	--

CA No.				Unit:		
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE
SEE ATTACHED LIST						

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/5/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/5/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/16/2008
- a. Is the new operator registered in the State of Utah: Business Number: 5890476-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: REQUESTED 7/16/2008
- b. Inspections of LA PA state/fee well sites complete on: done
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 7/16/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/16/2008
- Bond information entered in RBDMS on: 7/16/2008
- Fee/State wells attached to bond in RBDMS on: 7/16/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/16/2008

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000148
- Indian well(s) covered by Bond Number: RLB0011681
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
2. NAME OF OPERATOR: Whiting Oil And Gas Company <i>N2680</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 837-1661		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is ~~#RLB00011670~~ or Utah BLM Bond #UTB-000148. See attached well list.

*RLB0004585*

*BIA RLB0011681*

Whiting Oil and Gas Corporation  
1700 Broadway, Suite 2300  
Denver, CO 80290  
(303) 837-1661

Miller, Dyer & Co., LLC  
475 17th Street, Suite 1200  
Denver, CO 80202

*N2580*

Miller, Dyer & Co., LLC

RECEIVED

JUN 05 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <i>JEFFREY H. LANG</i>	TITLE <i>VP OPERATIONS</i>
SIGNATURE <i>[Signature]</i>	DATE <i>6/3/08</i>
Whiting Oil and Gas Corporation	

NAME (PLEASE PRINT) <i>Rick Ross</i>	TITLE <i>VP OPERATIONS</i>
SIGNATURE <i>[Signature]</i>	DATE <i>6/3/08</i>

APPROVED *7/16/2008*

(This space for State use only)

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

well_name	sec	tpw	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	GW	S	
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	GW	S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	OW	P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	OW	P	
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	GW	P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	GW	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	GW	P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	GW	P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	GW	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/ut/st/en/fo/vernal/html>



IN REPLY REFER TO:

3162.3

LLUTG01100

December 3, 2008

John D'Hooge  
Whiting Oil & Gas Corp.  
1700 Broadway, Suite 2300  
Denver, Colorado 80290

4304736778

Re: Change of Operator  
Well No. Flat Rock 13-29-14-20  
SWSW, Sec. 29, T14S, R20E  
Uintah County, Utah  
Lease No. UTU-10166

Dear Mr. D'Hooge:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective June 1, 2008, Whiting Oil & Gas Corp. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000148, for all operations conducted on the referenced well on the leased land.

If you have any other questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Benna R. Muth  
I & E Specialist

cc: UDOGM  
Miller, Dyer & Co., LLC

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DEC 18 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-10166

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe (Surface)

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WHITING OIL & GAS CORP.

3a. Address

1700 BROADWAY, SUITE 2300, DENVER CO 80290

3b. Phone No. (include area code)

303-837-1661

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1135' FSL, 507' FWL, SWSW, SEC 29, T14S, R20E

7. If Unit of CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

FLAT ROCK 13-29-14-20

9. API Well No.

43-047-36778

10. Field and Pool or Exploratory Area

FLAT ROCK

11. Country or Parish, State

UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil & Gas Corporation. Whiting Oil and Gas Corporation's Utah BLM bond is for \$25,000 under bond number UTB-000148.

Please be advised that Whiting Oil and Gas Corp. is considered to be the operator of the above referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Whiting Oil and Gas Corporation  
1700 Broadway, Suite 2300  
Denver, CO 80290  
(303) 837-1661

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING

DEPT OF THE INTERIOR  
BUREAU OF LAND MGMT

2008 JUN 2 PM 4 02

RECEIVED  
VERNAL FIELD OFFICE

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

John D'Hooge

Title Central Rockies Asset Manager

Signature

Date

6/1/08

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Berna Brumth

Title

IEE Specialist

Date

12-3-08

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**VERNAL FIELD OFFICE**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

## Division of Oil, Gas and Mining

## Operator Change/Name Change Worksheet-for State use only

Effective Date: 8/1/2015

FORMER OPERATOR:	NEW OPERATOR:
WHITING OIL & GAS CORPORATION N2680 1700 BROADWAY SUITE 2300 DENVER CO 80290	COBRA OIL & GAS CORPORATION N4270 PO BOX 8206 WICHITA FALLS TX 76307-8206
CA Number(s):	Unit Name: None

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 8/4/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 8/4/2015
3. New operator Division of Corporations Business Number: 9442951-0143

**REVIEW:**

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 10/5/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/2/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: Chimney Rock Compressor  
Flat Rock Compressor
7. Inspections of PA state/fee well sites complete on (only upon operators request): 10/15/2015

**NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: B009425
2. Indian well(s) covered by Bond Number: B009425
3. State/fee well(s) covered by Bond Number(s): B009455  
B009568-FCB  
B009567-FCB  
B009566-FCB

**DATA ENTRY:**

1. Well(s) update in the **OGIS** on: 10/14/2015
2. Entity Number(s) updated in **OGIS** on: 10/14/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 10/14/2015
6. Surface Facilities update in **RBDMS** on: 10/14/2015

**LEASE INTEREST OWNER NOTIFICATION:**

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**



From: Whiting Oil Gas Corporation

To: Cobra Oil Gas Corporation

Effective: 8/1/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	Indian	GW	P
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	Indian	OW	P
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	Indian	GW	P
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	Indian	GW	P
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	Indian	GW	P
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	State	GW	P
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	Indian	GW	P
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	Indian	GW	P
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	Indian	GW	P
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	Indian	GW	P
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	Indian	GW	P
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	Indian	GW	P
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	Indian	GW	P
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	Indian	GW	P
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	Indian	GW	P
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	Indian	GW	P
UTE TRIBAL 10-2-15-20	2	150S	200E	4304735625	14167	State	Indian	GW	P
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	Indian	GW	P
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	Indian	GW	P
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	Indian	GW	P
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	Indian	GW	P
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665	16997	Federal	Indian	GW	P
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739	17526	Federal	Indian	GW	P
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740	17358	Federal	Indian	GW	P
UTE TRIBAL 5-32-14-20	32	140S	200E	4304739741	17406	State	Indian	GW	P
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942	17237	Federal	Indian	GW	P
UTE TRIBAL 1-25-14-19	30	140S	200E	4304750654	17454	Indian	Indian	GW	P
UTE TRIBAL 13-25-14-19	26	140S	190E	4304750689	17808	Indian	Indian	GW	P
UTE TRIBAL 5-25-14-19	26	140S	190E	4304750690	17760	Indian	Indian	GW	P
UTE TRIBAL 3-25-14-19	30	140S	200E	4304751030	17759	Indian	Indian	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	State	GW	PA
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	Indian	GW	PA
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	17354	State	Indian	D	PA
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	17355	State	Indian	D	PA
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	17356	State	Indian	D	PA
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053	17353	Indian	Indian	D	PA
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	Indian	GW	S
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	Indian	GW	S
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	Indian	OW	S
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	Indian	OW	S
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	Indian	GW	S
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	Indian	GW	S
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	Indian	GW	S
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	Indian	GW	S

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached exhibit

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

See attached exhibit

7. UNIT or CA AGREEMENT NAME:

See attached exhibit

8. WELL NAME and NUMBER:

See attached exhibit

9. API NUMBER:

See attach

10. FIELD AND POOL, OR WILDCAT:

See attached exhibit

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER See attached exhibit

2. NAME OF OPERATOR:

COBRA OIL & GAS CORPORATION N4270

3. ADDRESS OF OPERATOR:

PO Box 8206 Wichita Falls TX 76307-8206 PHONE NUMBER: (940) 716-5100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached exhibit

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/1/2015	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

Cobra Oil & Gas Corporation  
PO Box 8206  
Wichita Falls, TX 76307-8206  
Phone: (940) 716-5100

Whiting Oil & Gas Corporation N2680  
1700 Broadway, Suite 2300  
Denver, CO 80290  
Phone: (303) 837-1661

  
Rick Ross, Senior Vice President - Operations

Bonds through U.S. Specialty Insurance Company  
Utah State Bond: B009455  
BLM Nationwide Bond: B009425

NAME (PLEASE PRINT) Robert W. Osborne

TITLE Vice President

SIGNATURE

DATE

(This space for State use only)

**APPROVED**

(5/2000)

(See Instructions on Reverse Side)

OCT 14 2015

DIV. OIL GAS & MINING  
BY: Rachel Medina

# Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
CHIMNEY ROCK 32-11	ML-47437		4304733445	SEEP RIDGE B	UINTAH	UT	DAKOTA	32-T13S-R21E
CHIMNEY ROCK 32-13	ML-47437		4304733447	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
CHIMNEY ROCK 32-14	ML-47437		4304733448	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
FLAT ROCK 13-29-14-20	UTU10166		4304736778	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
FLAT ROCK 13-32-14-20	ML-44317		4304736992	FLAT ROCK	UINTAH	UT	WINGT	32-T14S-R20E
FLAT ROCK 14-32-14-20	ML-44317		4304736993	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 15-32-14-20	ML-44317		4304736994	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 30-3A	UTU019837		<del>4304730729</del>	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E
FLAT ROCK 3-29-14-20	UTU10166		4304736795	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
UTE TRIBAL 10-2-15-20	ML-46842		4304735625	FLAT ROCK	UINTAH	UT	WASATCH	2-T15S-R20E
UTE TRIBAL 11-30-14-20	UTU019837		4304739740	FLAT ROCK	UINTAH	UT	DAKOTA-BUCKHORN	30-T14S-R20E
UTE TRIBAL 1-25-14-19	1420H625581	Ute Tribe	4304750654	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 1-30-14-20	UTU019837		4304739665	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 13-25-14-19	1420H625581	Ute Tribe	4304750689	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 15-25-14-19	1420H625581	Ute Tribe	4304739052	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 15-30-14-20	UTU019837		4304739942	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 28-1A	UTU10166		4304733595	FLAT ROCK	UINTAH	UT	DAKOTA	28-T14S-R20E
UTE TRIBAL 29-1A	UTU10166		4304730981	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-2A	UTU10166		4304732945	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-3A	UTU10166		4304732946	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-4A	UTU10166		4304733616	FLAT ROCK	UINTAH	UT	DAKOTA	29-T14S-R20E
UTE TRIBAL 29-5A	UTU10166		4304733617	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	29-T14S-R20E
UTE TRIBAL 29-6A	UTU10166		4304734102	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 29-7A	UTU10166		4304734103	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 30-1	UTU019837		<del>4304715764</del>	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-2A	UTU019837		4304730641	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-3A	UTU019837		4304710913	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-4A	UTU019837		4304716520	FLAT ROCK	UINTAH	UT	TW	30-T14S-R20E
UTE TRIBAL 30-5A	UTU019837		4304720502	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-6A	UTU019837		4304733596	FLAT ROCK	UINTAH	UT	DAKOTA	30-T14S-R20E
UTE TRIBAL 32-10A	ML-44317		<del>4304733620</del>	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-11A	ML-44317		4304733621	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-12A	ML-44317		4304733558	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-16A	ML-44317		4304734098	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-1A	ML-44317		4304732758	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-2A	ML-44317		4304733333	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-3A	ML-44317		4304733334	FLAT ROCK	UINTAH	UT	WASATCH-MESAVERDE	32-T14S-R20E
UTE TRIBAL 32-4A	ML-44317		4304733335	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 3-25-14-19	1420H625581	Ute Tribe	4304751030	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E

## Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
UTE TRIBAL 32-5A	ML-44317		4304710577	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-6A	ML-44317		4304733337	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-7A	ML-44317		4304733618	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-8A	ML-44317		4304733557	FLAT ROCK	UINTAH	UT	DAKOTA	32-T14S-R20E
UTE TRIBAL 32-9A	ML-44317		4304733619	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 3-30-14-20	UTU019837		4304739739	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 5-25-14-19	1420H625581	Ute Tribe	4304750690	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 5-32-14-20	ML-44317		4304739741	FLAT ROCK	UINTAH	UT	DAKOTA ENTRADA	32-T14S-R20E
UTE TRIBAL 6-16-14-20	ML-47502		4304738506	FLAT ROCK	UINTAH	UT	ENTRADA	16-T14S-R20E
UTE TRIBAL 8-25-14-19	1420H625581	Ute Tribe	4304739053	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E



RECEIVED

AUG 04 2015

DIV. OF OIL, GAS & MINING

July 16, 2015

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator  
sundries for Flat Rock field in Uintah County, UT.

The new operator is  
Cobra Oil and Gas Corporation  
PO Box 8206  
Wichita Falls, TX 76307-8206  
Phone: (940) 716-5100

Regulatory Admin for Cobra:  
Barbara Pappas  
940-716-5103  
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need  
additional information.

Best Regards,

Cara Mezydlo,  
Engineering Technician III – Central Rockies Asset Group  
(303) 876-7091  
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation  
and its wholly owned subsidiary  
Whiting Oil and Gas Corporation*

1700 Broadway, Suite 2300, Denver, Colorado 80290-2300 Office: 303.837.1661 Fax: 303.861.4023



RECEIVED  
AUG 04 2015  
DIV. OF OIL, GAS & MINING

July 16, 2015

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator  
sundries for Flat Rock field in Uintah County, UT.

The new operator is  
Cobra Oil and Gas Corporation  
PO Box 8206  
Wichita Falls, TX 76307-8206  
Phone: (940) 716-5100

Regulatory Admin for Cobra:  
Barbara Pappas  
940-716-5103  
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need  
additional information.

Best Regards,

Cara Mezydlo,  
Engineering Technician III – Central Rockies Asset Group  
(303) 876-7091  
Cara.mezydlo@whiting.com

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Rachel Medina <rachelmedina@utah.gov>

## Plugged Wells

8 messages

**Rachel Medina** <rachelmedina@utah.gov>  
To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 11:05 AM

Hi Barbara,

The following Whiting wells are listed on the request for the Cobra operator change, but are currently plugged. Our Division does not usually move plugged well unless the new operator has plans to reenter the wells. Will this be the case for Cobra?

CHIMNEY ROCK 32-11	32	130S	210E	4304733445
UTE TRIBAL 32-11A	32	140S	200E	4304733621
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053

Also, the following wells were listed on the exhibit but are not currently operated by Whiting. They will not move in the operator change.

Flat Rock 30-3A 4304730729  
Ute Tribal 30-1 4304715764  
Ute Tribal 30-4A 4304716520

Thanks!

—  
Rachel Medina  
Division of Oil, Gas & Mining  
Bonding Technician  
801-538-5260

**Rachel Medina** <rachelmedina@utah.gov>  
To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 2:36 PM

Hi Barbara,

Cobra is also taking over 3 State/Fee wells that have been shut in for over a year. Because of this our Petroleum Engineer is requesting a shut in plan and full cost bonding. For the shut in plan you will need to submit an outline and time frame of the plans for each well. To determine full cost bonding you will need to submit a plugging estimate, our engineer will evaluate the cost and set the bond for each well at the estimate or depth bonding (as outline in the rules), whichever is greater.

Please let me know if you have any questions.

Thanks!

[Quoted text hidden]

**Barbara Pappas** <barbara@cobraogc.com>  
To: Rachel Medina <rachelmedina@utah.gov>

Thu, Aug 6, 2015 at 3:10 PM



Rachel:

I have forwarded to my managers and hopefully will have an answer for you soon.

Thanks,

Barbara

**From:** Rachel Medina [mailto:rachelmedina@utah.gov]

**Sent:** Thursday, August 06, 2015 3:37 PM

**To:** Barbara Pappas <barbara@cobraogc.com>

**Subject:** Re: Plugged Wells

[Quoted text hidden]

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**Rachel Medina** <rachelmedina@utah.gov>  
To: Barbara Pappas <barbara@cobraogc.com>

Fri, Aug 14, 2015 at 8:58 AM

Hi Barbara,

The Division received confirmation that the plugged wells need to be moved to Cobra. At this point we are waiting for shut in plans and plugging estimates on the following wells.

UTE TRIBAL 32-1A  
UTE TRIBAL 32-3A  
UTE TRIBAL 32-4A

Thanks!

[Quoted text hidden]

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**Charlie Gibson** <charlie@cobraogc.com>  
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>  
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Wed, Aug 19, 2015 at 8:40 AM

Rachel,

We have studied the wells listed below and our estimate to plug the wells is \$20,000/well. We also believe that the wells still have economic potential and plan on working on the wells by 10-1-2015 to attempt to re-establish production. Let me know if you have any questions.

**Charlie Gibson**

Operations Manager

**Cobra Oil & Gas**

(940)716-5100 (o)

(940)781-6260 (c)

**From:** Rachel Medina [mailto:rachelmedina@utah.gov]  
**Sent:** Friday, August 14, 2015 9:59 AM  
**To:** Barbara Pappas <barbara@cobraogc.com>  
**Subject:** Re: Plugged Wells

Hi Barbara,

[Quoted text hidden]

[Quoted text hidden]

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**Rachel Medina** <rachelmedina@utah.gov>  
To: Dustin Doucet <dustindoucet@utah.gov>

Wed, Aug 19, 2015 at 4:46 PM

What are you thoughts on the full cost bonding and the shut in plan?  
[Quoted text hidden]

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**Dustin Doucet** <dustindoucet@utah.gov>  
To: Rachel Medina <rachelmedina@utah.gov>

Wed, Aug 19, 2015 at 6:16 PM

Without more supporting evidence of their P&A cost estimate, I don't feel comfortable with the estimate provided. It appears several plugs may need to be drilled out to properly isolate formations with open perfs with cement as required by rule. I doubt this was taken into consideration in their estimates. Since they are proposing to work the wells over by October 1, 2015, I would be willing to accept the \$30,000 depth bond per well to get these transferred and let them get the work done with the caveat that we will require more information on P&A costs and would require full cost bonds if found to be more than \$30K per well if the work is not done by October 1, 2015.

[Quoted text hidden]

—  
Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: www.ogm.utah.gov

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Charlie Gibson <charlie@cobraogc.com>  
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 20, 2015 at 9:09 AM

Hi Charlie,

The following is our Petroleum Engineer's review;

- Ute Tribal 32-1A, Ute Tribal 32-3A and Ute Tribal 32-4A are each required to have a \$30,000.00 individual bond.
- Cobra's plan to put the wells on production by October 1, 2015 is accepted, however a condition has been placed that if the wells are not producing by October 1st the Division **will require** a new P&A estimate be

submitted and reviewed for full cost bonding.

Please submit bonding for each well, if Cobra needs the new bonding forms again please let me know. As soon as the bond is received we can begin to process the operator change.

Thanks!

[Quoted text hidden]



Rachel Medina &lt;rachelmedina@utah.gov&gt;

## Utah Change of Operator from Whiting to Cobra

1 message

**Charlie Gibson** <charlie@cobraogc.com>

Thu, Aug 13, 2015 at 2:17 PM

To: "rachelmedina@utah.gov" &lt;rachelmedina@utah.gov&gt;

Cc: Jeff Dillard &lt;jeff@cobraogc.com&gt;, Bob Osborne &lt;bob@cobraogc.com&gt;, Stephen Howard &lt;Showard@basinoilandgas.com&gt;, Caven Crosnoe &lt;ccrosnoe@scglaw.com&gt;, Rory Edwards &lt;rory@cobraogc.com&gt;, Phil Rugeley &lt;phil@cobraogc.com&gt;, Rick Haskin &lt;rick@cobraogc.com&gt;, Barbara Pappas &lt;barbara@cobraogc.com&gt;

Dear Rachel,

We have been informed by Whiting Oil and Gas Corporation that you have requested an email from Cobra Oil & Gas Corporation acknowledging that we have agreed to assume all plugging, abandoning and reclamation obligations for the wells described below. In accordance with the terms and conditions of the Purchase and Sale Agreement (Agreement) between Whiting Oil and Gas Corporation (Seller) and Cobra Oil & Gas Corporation, et al (Buyer), please be advised the Buyer assumed the obligation to plug and abandon all wells located on the Lands and reclaim all well sites located on the Lands regardless of when the obligations arose. Accordingly Cobra Oil and Gas Corporation, as Operator, assumes those obligations and liabilities associated with the wells described below:

CHIMNEY ROCK 32130S 210E 4304733445  
32-11

UTE TRIBAL 32- 32140S 200E 4304733621  
11A

FLAT ROCK 13- 32140S 200E 4304736992  
32-14-20

FLAT ROCK 14- 32140S 200E 4304736993  
32-14-20

FLAT ROCK 15- 32140S 200E4304736994  
32-14-20

UTE TRIBAL 8- 30140S 200E4304739053  
25-14-19

Flat Rock 30-3A 4304730729

Ute Tribal 30-1 4304715764

Ute Tribal 30-4A 4304716520

Sincerely,

**Charlie Gibson**

Operations Manager

**Cobra Oil & Gas**

**(940)716-5100 (o)**

**(940)781-6260 (c)**